CURTIS COLLECTION

Harvey
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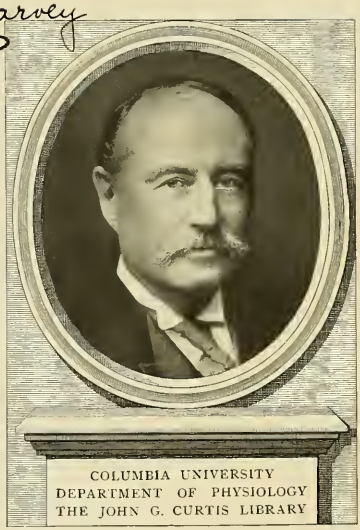

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PRELECTIONES ANATOMIÆ UNIVERSALIS

BY

WILLIAM HARVEY

EDITED

WITH AN AUTOTYPE REPRODUCTION OF THE ORIGINAL

BY A COMMITTEE OF

THE ROYAL COLLEGE OF PHYSICIANS OF LONDON

LONDON
J. & A. CHURCHILL
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1886

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INTRODUCTION.

THE manuscript now for the first time printed is in the handwriting of Harvey, as may be seen by a comparison with his letter published some years since by Sir George Paget and with other letters in his handwriting. The title-page bears his signature, "per me Gulielmum Harveium," and the date A.D. 1616. The manuscript, with another volume also in his handwriting, formed part of the collection of Sir Hans Sloane, which became the property of the nation in 1753. Of its history from 1657, the year of Harvey's death, till 1753 nothing is certainly known. At the death of many physicians of his time, as of Dr. Francis Bernard (1698) and of Dr. Edward Browne (1708), Sir Hans Sloane bought their manuscripts and note-books, and it was most likely from a purchase of this kind that the manuscript became part of the Sloane collection. Dr. Lawrence, the editor of the edition of Harvey's works published by the College of Physicians in 1766, had examined the manuscript and describes it correctly. Somewhat later the volume got among printed books, and could not be found among the manuscripts of the Museum. In the year 1877 it was restored to its proper place in the collection. In that year it was exactly described by Sir Edward Sieveking in his Harveian oration, who read several extracts from it and exhibited an autotype of one of its most important pages. Sir Edward Sieveking continued his investigations, and at his suggestion the subject was brought before the Royal College of Physicians, where, on March 30, 1885, Dr. George Johnson asked for the appointment of a committee to consider the question of printing in facsimile the manuscript notes of the anatomical lectures of Harvey, and gave notice that he would at the next meeting ask the College to guarantee two hundred guineas towards the expense.

Dr. George Johnson, Sir Edward Sieveking, Dr. F. Payne, Dr. Stone, and Dr. Norman Moore were appointed a committee to consider the question. The

committee presented their report on April 30, 1885, and its consideration was postponed to the next meeting.

On May 28, 1885, the report of the committee, recommending that the College guarantee the cost of one hundred copies at 2*l.* 2*s.* each, and that a permanent committee be appointed to superintend the publication, was adopted, and the committee was reappointed to arrange and supervise the publication.

Messrs. J. and A. Churchill, on the representation of the subject to them by Sir Edward Sieveking, undertook, with laudable public spirit, the remaining risk of publication, and the undertaking was further supported by a subscription from the Royal College of Surgeons of England and by several private subscribers. Messrs. Churchill, on the recommendation of Sir Edward Sieveking, employed Mr. Edward Scott, of the Manuscript Department of the British Museum, to make a transcript of the whole, a work of great labour owing to the extreme obscurity of many pages of Harvey's writing, and which Mr. Scott accomplished in a manner and in a space of time which deserve the highest commendation. The generous way in which Mr. Maunde Thompson, chief of the Manuscript Department, gave his invaluable aid in deciphering the most obscure lines has added much to the value of the transcript. The transcript is accompanied by an autotype reproduction of every page of the manuscript. Dr. George Johnson acted as chairman of the committee of the Royal College of Physicians, and the other members shared among them the several parts of the work—viz. the examination and approval of each autotype plate as it was issued, the comparison of every word of the printed transcript with the original writing of Harvey as shown in the autotype, and the revision of the proofs.

Several passages still remain obscure, but, as the reader has before him every stroke as it was made by Harvey's pen, the editors did not feel it necessary to delay the publication to the extent which would have been necessary if a minute study of all known writing of Harvey had been made, by which alone further interpretation would have been possible.

The rule followed in the transcript has been to print the words as written by Harvey without any emendation, however obvious or probable. His Latin cases are often wrong; sometimes by a slip of the pen he spells the names of well-known Latin authors in several ways; he often omits or repeats a word. All these points are exhibited in the transcript; but where Harvey marked a flexional termination

by a scratch or a stop the termination has been written out; and for the sake of clearness capital initials, which are sometimes absent in the manuscript, have been given in the transcript to all proper names. A few, for the most part illegible, additions in red ink are hardly visible in the autotype and have been omitted in the transcript. Erased words in the manuscript are indicated by inverted commas in the transcript. The use of small type on some pages and large type on others is due to the necessity of printing every page of the transcript opposite the corresponding page of the autotype.

The object of the publication was to preserve and make public the original notes of the lectures in which Harvey, in 1616, set forth for the first time his discovery of the circulation. He describes the course of the blood precisely, and lays stress upon the important evidence afforded by the valves in the veins, and the direction in which they act. The notes are of course incomplete, and cannot be expected to add to the well-known statement of the discovery which Harvey made in full, and after several years more of thought and observation, in 1628, in his "Exercitatio anatomica de motu cordis et sanguinis in animalibus," published at Frankfort. The manuscript is to be regarded with veneration as one of the most precious of the archives of English science, and as showing how early Harvey had begun to penetrate the difficulty of explaining the motion of the blood, and how long his active mind was willing to enlarge and confirm its first thoughts before he gave final expression to them and published the splendid discovery of the circulation of the blood, matured and completed by twelve years of observation and meditation.

Besides this chief and greatest value, these rough notes of Harvey have a lesser interest, because, unpolished and unaltered just as they came from his pen, as if he felt the force of the often-quoted line of Manilius,

Ornari res ipsa negat, contenta doceri,

they illustrate his ways of thought and his habits of observation. He is to be seen in his library perusing at his table the huge and nobly printed pages of Vesalius, or sitting in his chair with the terse and easily carried anatomy of Bauhin in his hand, or dipping into Aristotle or into the sermons of St. Augustine, or refreshing his memory of some passage in the familiar pages of Columbus and of Fallopius, or turning perhaps as he walked under the trees to some passage in

his favourite Virgil. It is easy to trace in the quotations given in these lectures his whole anatomical reading, and part of his acquirements in general literature. It was from Aristotle, he says, that he obtained his first direction to the true explanation of the movements of the heart, and he quotes the father of science more often than any other author. Galen comes next in order of frequency of quotation; while of the moderns, Vesalius, Columbus, Fallopius, Fernelius, Laurentius, Nicholaus Massa, Bauhin, and Piccolhomini are the writers whose opinions he most often discusses. In classical literature he had read Plautus as well as Virgil and Horace; while among prose authors, besides Cæsar and Cicero, he had studied Vitruvius. He was learned in the Scriptures, and knew something of the Latin fathers. That he was a student of Nature as well as of books, and a daily devoted observer of everything that came before him, is clearly shown in these notes. He had already been physician to St. Bartholomew's Hospital for seven years, and he quotes cases observed in its wards, and also mentions many patients seen in his private practice: Sir William Rigden, Sir Robert Wrath, Sir James Crosby, John Bracey, Mrs. Yeoung, Lady Croft, Lady Hervey, his own father, and his sister who, like Mrs. Yeoung, had an enlarged spleen which weighed five pounds. He had watched the bear tied to the stake, and cocks in their pit, and greyhounds and falcons, and noted the odd development of a boy at Holborn bridge, and of a man behind Covent garden, and the appearances in a criminal just cut down from the gallows. He had dissected many animals of all kinds, and refers to the anatomy of more than eighty. The anatomical structure of the porpoise, the kite, the angler fish, the woodpecker, the barbel, the flounder, the pastinaca, and of the chief English mammals and birds, formed part of his acquirements. Several he had examined often, and was sometimes puzzled, as in the eft, the kidneys of which he failed to discover. Some of his biographers have suggested that Harvey, however remarkable as a discoverer in physiology, was not great as a physician. This may be disbelieved, for it is certain that the powers of so careful an observer would not desert him at the bedside. These lectures contain many examples of acute clinical observation; he compares the desquamation after scarlet fever to the shaking off of the feather scales of a bird in the royal menagerie then kept at St. James's. He did not, it is true, discover amyloid infiltration of the liver, but he had noted that the liver was sometimes greatly enlarged in those who died after long-continued suppuration, and he had observed the shrunken

liver of cirrhosis, and that it sometimes followed the permanent obstruction of a bile duct. The varying appearances of gallstones and the common shape of large renal calculi were well known to him, and he describes pericarditis and its symptoms from his own observation. It is clear that he brought all his powers into the service of his patients, and in this as in every other way deserved the respect of his contemporaries. He uses much that he had heard in talk, as well as the stores of his reading and of his observation, to elucidate his lectures. He quotes Dr. Wilkinson, his predecessor and colleague at St. Bartholomew's, and Dr. Argent and other fellows of the college of his time, and what he had heard at home and abroad, in Venice, in Padua—no matter from whom so that it illustrated the points of his lecture. To most of these little notes by the way, as to his more important original observations of facts, he appends his initials in the manuscript. The lectures show Harvey to us at his books, seeing his patients in their beds, examining them post mortem, talking with other physicians, listening to the phrases of the people and watching their sports; and, lastly, they give a picture of him as no carefully prepared work could, delivering his lectures with a body dissected on the table before him, and a demonstrator who lifted up or exposed this part or that, at his bidding. There can be no doubt that the lectures interested their audience. Harvey never tries to appear learned, his whole aim seems to be to make the subject clear; there is no affectation, every remark has the stamp of his own original, thoughtful, observing mind. No method of elucidation is too homely for him; he often takes the first that strikes him. When he is mentioning the names of the several parts of the intestine, he illustrates the subject by the remark that from St. Paul's to Leadenhall there is one line of street, but many names as you go along—Cheap, Poultry, and the rest. The arrangement of the small intestine is like that of an unset ruff, and he explains the proportions of contiguous organs by a comparison of a kitchen and its appendant washhouse. The parenchyma of a gland surrounds and supports the vessels "as cotton to keep a jewel;" an acid taste rising from the stomach into the mouth reminds him of a motion from the lower to the upper house of Parliament. He follows well the rules that he lays down at the beginning for the teaching of anatomy in lectures. They are expressed in a curious mixture of Latin and English, and their general sense may be stated in the following propositions:—

1. To show as far as possible the whole of a part of the body at once, so that the relations of the structures may be grasped by the student.

2. To demonstrate the features of the particular body on the table.

3. To supply by speech only what cannot be shown on your own credit and authority.

4. To dissect as much as possible before the audience.

5. To enforce by remarks drawn from far and near, the right opinion, and to illustrate man by the structure of animals; and to bring in points beyond mere anatomy in relation to the causes of diseases, and the general study of nature, with the object of correcting mistakes and of elucidating the use and actions of parts.

6. Not to praise or to dispraise other anatomists.

7. Not to spend the short time in disputing with others or in confuting them.

8. To state things briefly and plainly, but not letting pass undescribed anything which the students can see before them.

9. Not to speak anything which may be just as well learnt at home without the body.

10. Not to spend time in minute details.

11. To give a definite time to each part of the body.

These rules complete the picture of Harvey in the lecture theatre, lucidly expounding the structure of the human body, and making clear, not only what was known before, but also what had been inexplicable till his demonstration taught the world to see clearly what wise men had looked at for ages without understanding it—the course of the blood in its lifelong circuit of the body.

August 24, 1886.

Stat Jove principium, Musæ,
Jovis omnia plena.

PRELECTIONES ANATOMIÆ VNIVERSALIS

PER ME

GULIELMUM HARVEIUM

Medicum Londinensem
Anatomie et Chirurgie
Professorem

Anno Domini 1616
Anno ætatis 37
prelectæ Aprili "1616"
16 17 18

Aristoteles Historia Animalium lib. 1. cap. 16.
Hominum partes interiores incertæ et
incognitæ quam ob rem ad
cæterorum Animalium partes quarum similes
humanæ referentes eas contemplare

2

~~M S 248~~

~~M 24~~

M I C. 450

230

XII. C

Anatomia est forma hta q̃ ... ...
... ... et actionis ...

Anatomia dis: capita
- Ethica
- Physica
- Medica
- Chirurgia

Anatomia alia philosophi
- Medica
- Chirurgia

Anatom
- Medica
- Chirurgia

Cui Anatom. sit divisio: de divisione ...

Dividitur de corpore
- 1
- 2
- 3

Corpora ilaq; illaq; divis.

Anatomia eſt facultas quæ occulere
inſpectione et ſectione partium vſus et actiones

Anatomiæ ad 5 Capita
- Hiſtoria
- vſus actio vtilitates propter quid
- obſervationes eorum quæ raro et morb.
- problemata ex Autoribus reſolvere
- peritia aut diviſionis dexteritas et præparati Cadaveris conditio.

Anatomia alia
- Popularis que hoc libro iij ventrium
  - 1 de partibus exteris phyſiognomie
  - 2 oſſium ſceletoni
  - 3 muſculorum ligamentorum
  - 4 de organis ſenſetivis et vocis
  - 5 De vaſis venarum arteriarum nervorum
  - 6 De partibus ſimilaribus
  - 7 De genitalibus embrione mammis
- Curioſa et philoſophica Medica partes

Anatomia
- philoſophica
- Medica
- Mæchanica

Cum Anatomiæ ſit diviſio de Deviſione pauca

Dividitur proinde Corpus
- 1 poſitura partes
  - exteriores
  - interiores
- 2 ſitu
  - ſuperiora inferiora
  - ante retro
  - hinc inde dextra ſiniſtra
- 3 Continuitate provt a Natura magis et minus diſtinxit vel incepit diſtinguere vnde Anatomiam non vlterius dividere quam Natura deviſit

Quoniam enim operationes et actiones Naturæ plurimæ et
Diſtinctæ ideo plures et diſtinctas partes
Corpus enim Animæ organon
vel potius homo et pars vt organon potentiam habens
vt ſerra ſi ſponte ſecare potuiſſet.
Hinc plurimæ diviſiones partium et dubium de parte
et Authores variant tam ſibi ipſis inconſtantes
Ariſtoteles et Galen.
pars relativum eſt et ad totum dicitur vnde
quoniam Corpus equivocum et Multifarium dicitur
pars ambiguum et quid ſit ambiguum

Corpus itaque vt totum dicitur
- Animal ad differentiam plantæ
- vivens ad differentiam Miſti
- provt Compoſitum et Miſtum ad diferentiam homoieros eteros

Ad differentiam plantæ quoniam ſenſu differt
ſecundum quod tale nihil pars proprie quod non habet ſenſum
ſic "ſecundum actiones propter paſſiones"
Ad differentiam Miſti ſecundum quod tale nulla pars non vivens
ſic contenta Medulla

provt miſtum Compoſitum philoſophice magis
ſimpliciter et vere quia Anima fiet vegetativam
et vegetativa forma miſti vt trigonis in tetragonum
diapente in diapaſon.
WH ſic pars provt miſtum etiam pars viventis et
pars provt vivens etiam pars ſenſetivum licet nec
provt ſenſetivum vt ſemiditonus diapaſo
vnde quæcunque A Natura ſeperata differunt
vel perfecte ſeperata vel obſcure
vel ad ſenſum vel potentiam vel facili Negotio
WH q̃ et pars WH quod quovis modo totum integratur pars integrum

Compoſitum ſive { Continens / Contentum / Impetum faciens &c

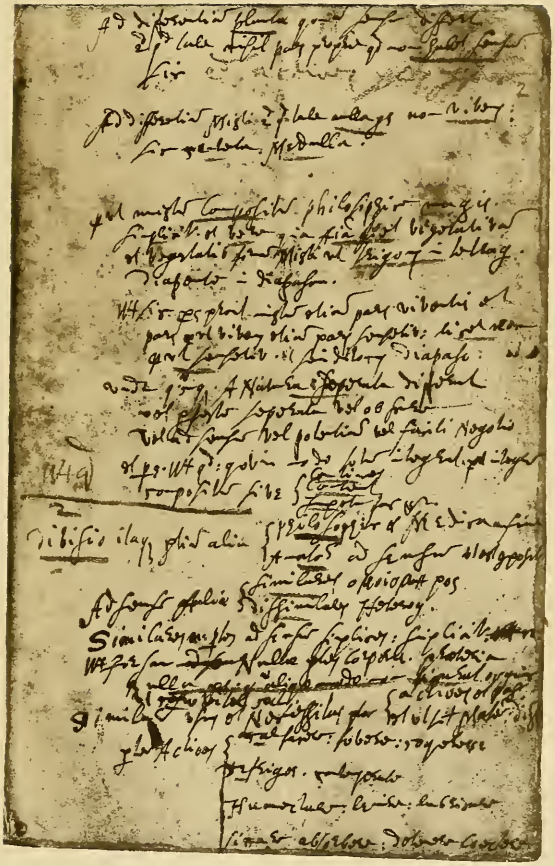
2 diviſio itaque partium alia { philoſophica et Medica a fine / Anatomica ad ſenſum vt eſt Compoſitum

Ad ſenſum Aliæ { ſimilares ομοιομηρος / diſſimilares Heterogenea

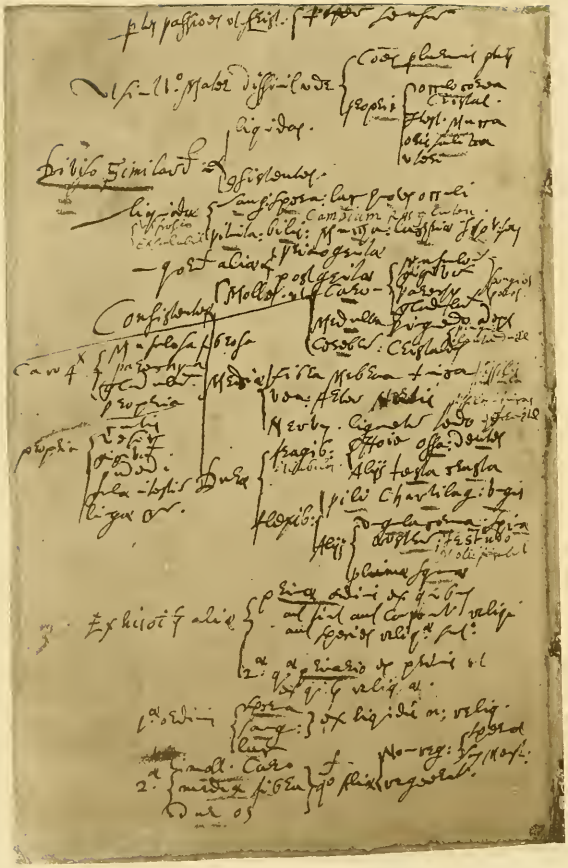
Similares enim partes ad ſenſum ſimplices: ſimpliciter "WH" enim
WH forſan "ad ſe" Nullæ partes Corporis præteria
Nulla pars quæ aliquo modo non figurat organica
vt caro vitellus coctio

Similarium vſus et Neceſſitas propter { actiones et paſſiones / et vt ſimilis Materia diſſimilis

propter Actiones { calefacere fovere coquere "re" / Defrigeſcere contemperare / Humectare lenire lubricare / ſiccare abſorbere detenere coectere [coercere]



Similiter omnis Compositio philosophiae
simplicis et bona quia aliquid bigotalis vel
et bigotalis fere musicae vel bigotalis
Diapaso - Diapason.
Hic est pes primi - ibi oliud pars dividuli et
pars primi dividuli aliud pars secundi: sicut non
quod secundum et dividuli Diapase
et
et pes secundi. A Natura Diapasonis diversi
vel Diapasonis sporulae vel ossiculi
Vel Diapasonis vel polubiliis vel finili Nogolis
et pes. Hic quidem - et ibi - bigotal. et - bigotal
composita sive
Similiter omnis Compositio philosophiae et musicae in
et ad sensum et ad gaudium
similiter et musicae pes
Ad sensum et ad musicam similiter et musicae.
Similiter et musicae pes ad sensum similiter.
Hic est non Nulla alia Corporalis
Nulla
Similiter pes et Naturalis per vel et plus
Actiones { vel pes: polubiliis: sporulae
pes sicut. polubiliis
pes numerus: linea: lineae
sicut abscisae: dolorosa cordis



propter paſſiones vt Ariſtoteles } per operationes ſenſuum
Vt ſimilis vero Materia diſſimilis vnde

- Communes plurimis partibus
- proprie
  - occuli cornea
    - criſtallina
  - Inteſtinorum Mucca
  - oris ſaliva
  - vteri

Diviſio ſimilarium in 2
- liquidas
- conſiſtentes

liquidæ *viſcoſæ exhalabiles*
- ſanguis ſperma lac humores occuli
- *cambium ros gluten*
- pituita bilis Muccha lachrimæ ichor ſerus

quorum aliæ
- primogenitæ
- poſtgenitæ

Conſiſtentes
- Molles vt
  - Caro
    - muſculorum
    - gingivorum
    - parenchymorum
    - glandularum
    - *ſpongioſa*
    - *poroſa*
  - Medulla pinguedo adeps
  - Cerebrum criſtales
    - *pinguia*
    - *lenta ductilia*
- Mediæ
  - fibra membrana tunica
    - *fiſſilis*
    - *in fila*
  - vena arteria Cutis *fiſſilis in tunicas*
  - nervus ligamentum tendo
- Duræ
  - frangibiles *friabiles*
    - Homine oſſa dentes
    - Alijs teſta cruſta
  - flexibiles
    - pili Chartilago unguis
    - Alijs
      - vngula cornua ſpina
      - roſtrum teſtudo
      - *mollificabilia*
      - plurimæ ſquamæ

ro 4*
- muſculoſa fibroſa
- parenchyma
- glandularum
- propria

opria
- cutis
- veſicæ
- gingivorum
- pudendi
- gulæ inteſtinorum
- linguæ, &c.

3 Ex his omnibus aliæ
- primæ ordinis ex quibus aut fiunt aut componuntur reliqui
- aut ſpecies reliquæ ſunt
- 2æ quæ primario ex primis et ex quibus reliquæ

1æ ordinis
- ſperma
- ſanguis
- lac

} ex liquidis enim reliquæ

2æ
- mollis caro
- mediæ fibra
- duræ os

} f quo Aliæ
- Non regeneratæ
  - ſperma
  - ſanguis menſtrualis
- regeneratæ

Diſſimilares ſunt quæ ex ſimilaribus diverſis 4 ordines
1° ex ſimplicibus vt Muſculus
2 : ex primis vt digitus
3 : ex 2^is vt Manus
4to ex 3^is vt Brachium ⩝ potius Corpus
Philoſophica : diviſio partium ſecundum quod organon animæ : ſecundum diviſiones animæ
vel 2^dum facultates : A finali cauſa

1 Operibus vel ſecundum locos vbi opera fiunt in { caput, pectus, abdomen }

Fernelii in regiones { privatas; publicas { 1ma ab ore ad Cymam, 2da a Cymia in Capillarios, 3 : ſolidorum }

Hippocratis { Continentia, Contenta, Impetum facientia }

3ª { Actio vſus, facultas, functio vitæ, opus }

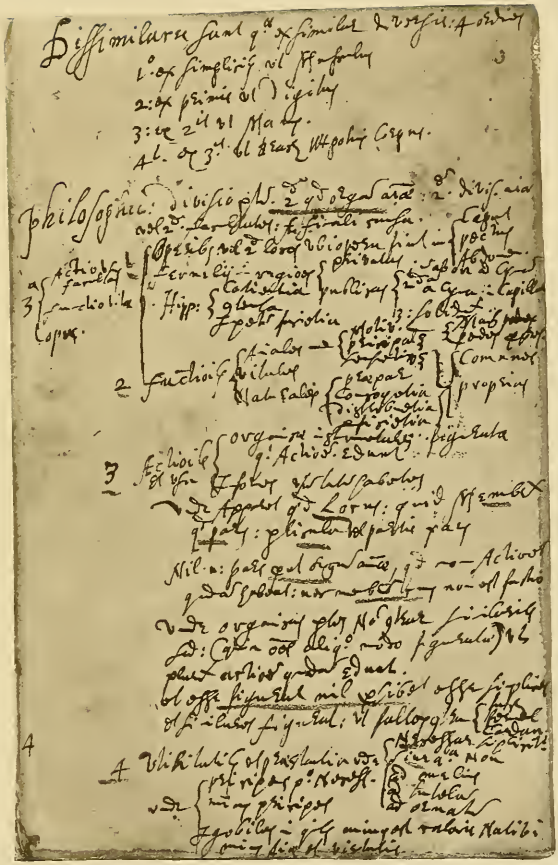
2 functionibus { Animales vnde { motiva { manus " pedes ", pedes progreſſio }, principalia, ſenſetiva } } vitales { Communes } Naturales { præparativa, concoquentia, diſtribuentia, perficientia } { Proprias }

3 Actionibus et vſu { organicæ inſtrumentales figuratæ qui actionem edunt; Informes vſum latum habentes }

vnde apparet quid Locus : quid Membrum
quid pars : particula vel partis pars
Nil enim pars provt organon animæ quod non actionem quandam habeat : nec Membrum cuius non eſt functio
vnde organicas partes non contrarias ſimilaribus
ſed : (quia omnes aliquo modo figuratæ) vt plurimum actionem quandam edunt
et eſſe figuratas nil prohibet eſſe ſimplices
et ſimilares figuratas : vt Fallopius contra { Fuchſium, Fernelium, Cardanum }

4 Vtilitatibus et præſtantia vnde { neceſſario ſimpliciter, ſine qua non, ad melius, ad tutelam, ad ornatum }

vnde { principes primo neceſſariæ, minus principes, Ignobiles in quibus minus eſt caloris Nativi, Minus Animæ et virtutis }



MUSEUM
BRITAN
NICUM

partes inſuper aliæ { ſympatheticæ { generis ſimilaritate / operis ſocietate / vaſorum communione

Hæc in vniverſum : de quibus plurimæ
obſervationes plurima dubia et problematica
ſed particularis Anatomiæ opus.
Auguſtin : Naturæ omnes partes cum ornatu
licet neceſſariæ non omnes ad neceſſe quæ gratia
ornatus vnde Natura ſollicita magis
de ornamento quam neceſſitate quod apoſtolus
hic aſſequitur a reſurrectione

Canones Anatomiæ generalis

1 ſhew as much vno intuitu as can be
vt de toto ventre : vel toto aliquo quæ accidunt
deinde dividere (propter ſitus et conexiones
2 demonſtrare propria illius Cadaveris
Nova vel Noviter inventa
3 to ſupplye only by ſpeech what cannot be ſhewn
on your own credit and by authority
4 cutt vp as much as may be in preſentia ut cum
Hiſtoria peritia innoteſcat
5 obſervationes proprias et alienas recenſere
ad confirmandam propriam opinionem vel obſignatis
tabulis in alijs Animalibus agere
secundum Socratis regulam : where it is farer written
vnde obſervationes exoticas
1 ob cauſas Morborum : Medicis præcipue vtiliſſimas
2 ob varietatem Naturæ philoſophicæ
3 ad refutandos errores et proinde ſolvendos
4 ob vſus et actiones Inveniendas dignitates
et propter inde Colectanea
Anatomiæ enim finis partis Cognitio propter quid
Neceſſitas et vſus
philoſophis præcipue qui inde ſciunt
ad vnamquamque actiones quæ requiruntur quod præſtat
Medicis item qui inde conſtitutionem naturalem
regula quo diducendi ægrotantes
et inde Quid agendum morbis
6 Not to prayſe or diſprayſe. all did well
and behowlding ijs qui perperam quia occaſio
7 Not to diſpute confute alias quam argumentis
oſtenſis quia plus quam iij dies requiruntur

Canones Anatom: general.

1 Ostendere quam plurima uno intuitu ut totum ventrem vel toto aliquo quantitati.
postea subdividere secundum situs et connexiones.

2 Demonstrare proprium illius Cadaveris:
Nova vel Notabilia inventa

3 to supply only by speech what cannot be showne on your owne credit and by authority.

4 cutt up as much as may be in presence that
Historia [illegible]

5 Observationes proprias et aliorum recitare
ad confirmandum propriam opinionem. vel [illegible]
[illegible] in aliis [illegible] agere.
2° Socratis regula: wheare it is soe written
unde [illegible]
1 ob causas Medicorum: Medicinam propter utilitatem
2 ob admirationem Naturae philosophorum
3 ad refutandos errores: et pro disputationibus solvendis
4 ob usum [illegible] digitalis.
et propter [illegible] Celsum.
Anatomia: sive pars [illegible] quae [illegible]
Nonnulli dicunt
philosophiae partem quoniam de [illegible]
de [illegible] actiones quae [illegible]
Medicinae [illegible] de [illegible] Naturales
regula [illegible] Absoluta
[illegible] morbi

6 Not to praise or dispraise other anatomists for all did well
[illegible]

7 Not to dispute [illegible] confute [illegible]
[illegible]

8 Besides or plainly: yett not letting
pass any one thing: wherebye wee not
understand to bee true.

9. 10 Not bewrayeing any thing wee will bee secret
may be delivered or read att some.

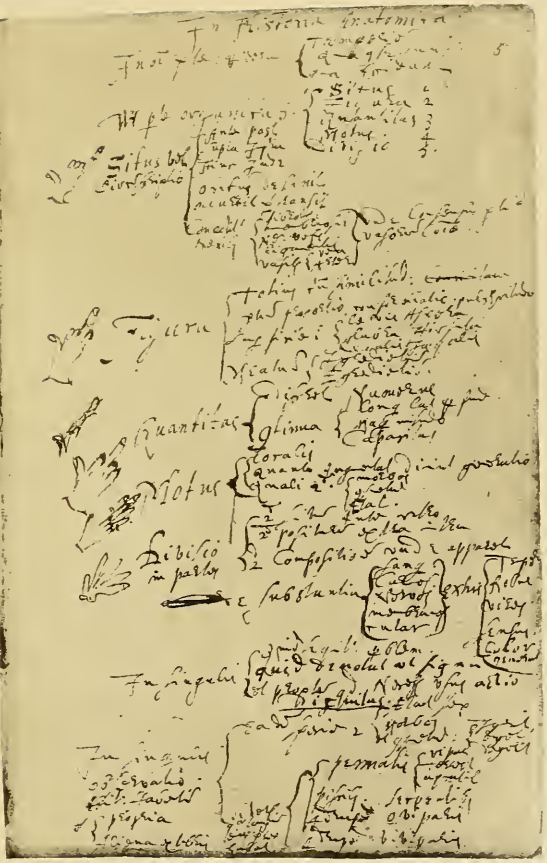
11 Nine [illegible] pleasant: pleasantly.
differing: differing not pettie:

12 [illegible] i.e. [illegible] and [illegible]
1° Christ, Godly with zeal perfect or [illegible]
divinely wisely.
2° for pastor: 3° Divine Bryan of [illegible]

8 Brefly and playnly : yett not letting
pas any one thing vnſpoken of which
is ſubiect to the vew
10 Not to ſpeake anything which with outt the carcaſe
may be delivered or read att home
11 Non nimium curioſe pertinet enim particularibus
diſſectionibus et tempus non patitur
12 to ſerve in their iij courſes according to the glaſs
{ 1° ventris inferni naſty yett recompenſed by "admiry"
admirable variety
2° the parlor 3° divine Banquet of the brayne

In Hiſtoria Anatomica

- In omni parte conſidera
  - Temperiem
  - Quæ conſequuntur
  - quæ accidunt
- ℣ parte organica 5
  - Situs 1
  - Figura 2
  - Quantitas 3
  - Motus 4
  - Diviſio 5
- Situs vel Circumſcriptio
  - Ante poſt
  - Supra infra
  - Hinc inde
  - Oritur deſinit
  - occurrit pertranſit
  - Conectitur nexibus
    - fibroſis
    - membranoſis
    - nervoſis
    - ligamentis
    - vaſibus
      - vena
      - arteria
    - Vnde Conſenſus partium vaſorum communione
- Figura
  - totius cum ſimilitudine Concinnitate
  - partium proportio, conformatio pulchritudo
  - ſuperficiei
    - levis aſpera
    - glabra Hirſuta
    - æqualis Inæqualis
  - Meatus
    - Ingredientium
    - Egredientium
- Quantitas
  - diſcreta numerus
  - continua
    - longitudo latitudo profunditas
    - Magnitudo
    - Capacitas
- Motus
  - localis
  - Quanto Augmentatio diminutio generatio
  - Quali ſecundum
    - morbos
    - conſuetudinem
    - Ætatem
- Diviſio in partes
  - ſecundum ſitum ante retro
  - ſecundum poſiturum extra intra
  - ſecundum compoſitionem vnde apparet
- De ſubſtantia
  - ſanguinea
  - carnoſa
  - nervoſa
  - membranoſa
  - cutacea
  - ex his
    - Temperies
    - Robur
    - vires
    - ſenſus
    - color
    - generatio
- In ſingulis
  - quid ſequitur problema
  - quid denotat vt ſignum
  - et propter quid. Neceſſitas vſus actio
  - dignitas
- In ſingulis obſervatio Aditus habentis et
  - propria
  - Aliena ex libris
  - eadem ſpecie
    - ætatem ſexum
    - morbos
      - ingerit
      - egerit
      - degerit
    - et conſuetudinem
  - diverſa quæ tamen eius partes habet
    - pennatis
      - ripariis
      - terreſtribus
      - aquatilibus
    - piſcibus ſerpentibus
    - quadrupedibus oviparis
    - quadrupedibus viviparis



In Historia ptium similarium

Substantia { Color rubor vel a sanguine
Crass. tenuitas
Duricies. mollicies
Densitas Raritas

Unde { Temperies
Robur et fragilitas
Sensus.

et a Temperie

Figura vel ptium situs

~~Generatio~~ Quanto et dimensio { Ang et
generatio { [illegible]

Motus { [illegible] { Colore
[illegible]
[illegible]
[illegible]

facultas
passio

passiones { 2nd Naturam
praeter Nat.

In Hiſtoria partis ſimilaris

Subſtantia
- color verſus vel a ſanguine
- craſſitudo tenuitas
- durities mollities
- denſitas raritas

vnde
- Temperies
- Robur et fragilitas
- Senſus

et A Temperie

Figura vel partium ſitus

"Generatio"
Motus
- activi
- paſſivi

- Quanto
  - Augmentatio
  - diminutio
  - generatio
    - materia
    - profficiens
- Quali
  - colore
  - craſſitudine
  - Duritie omnino
    - Temperies
    - robur
  - Denſitate etc

paſſiones
- ſecundum Naturam
- præter Naturam

In actionibus partium

Quoniam finis Anatomiæ eſt ſcire vel cognoſcere
partes et ſcire per cauſas et hæ in omnibus
Animalibus cuius gratia et propter quid ergo

Propter Quid
- Actio 1
- vſus 2

1 Actio motus Activus cuius effectio
Functio dicitur in materia vero Opus

Opus et functio
- per ſe cum alijs
- principaliter inſtrumentaliter
- adiuvans
  - perficiens
  - conſervans

2 Vſus et vtilitates Mediæ
- provt ſimilare
  - calida calſacere coquere fovere
  - frigida refrigerare contemperare
  - Humida lubricare lævigare emollire retundere
  - ſicca firmare roborare
- pro
  - coloratis ſanguinis temperies activis
  - duritate Molle temperamentum paſſivis
  - denſitate levitate gravitas
  - craſſitudine robur fragilitas
- pro organicis
  - figura
  - Quantitas
  - ſitus
  - Compoſitio

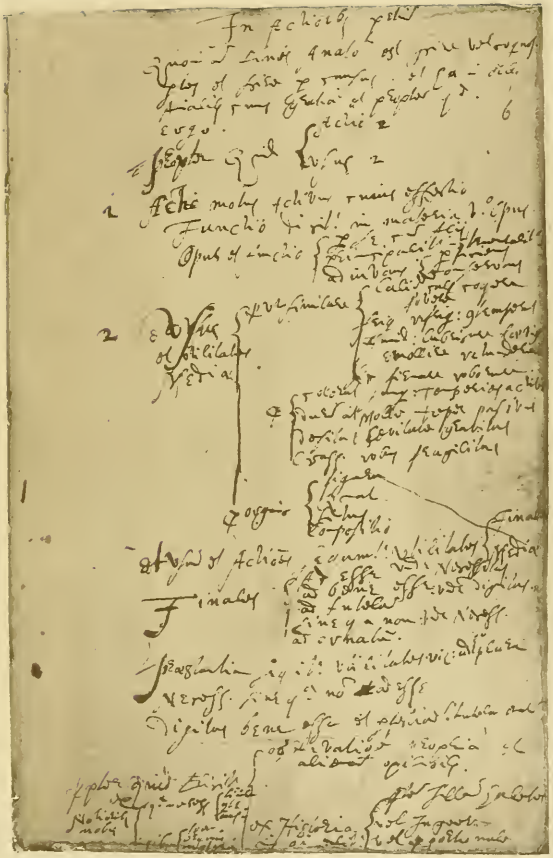
et vſum et actiones ſequuntur vtilitates — Finales / Mediæ

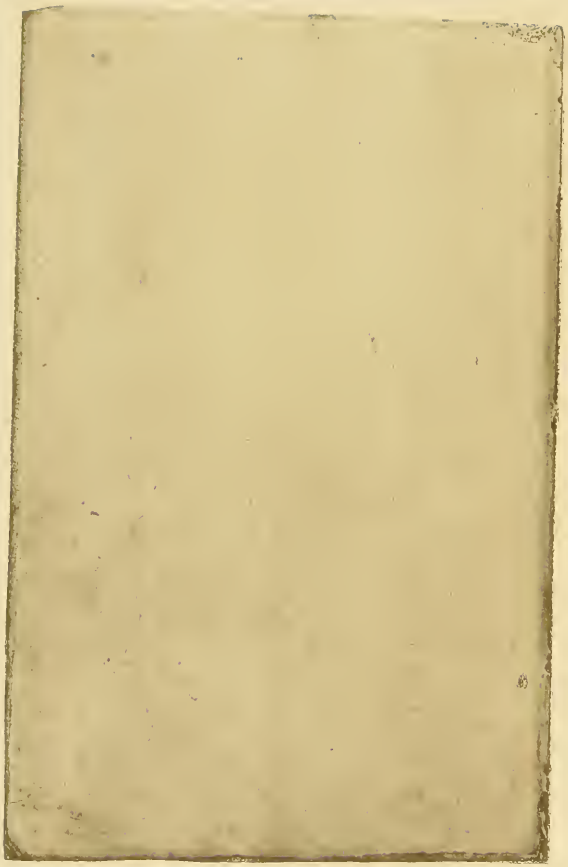
Finales
- Ad eſſe vnde Neceſſitas
- Ad bene eſſe vnde dignitas
- Ad tutelam
- Sine qua non vnde Neceſſitas
- A ornatum

Præſtantia ſequitur vtilitates viz. ad plura
Neceſſitas ſine qua non ad eſſe
Dignitas bene eſſe et perfectionem tutela ornatum

propter quid Elicitur ex
- obſervatione propria et alienorum opinionibus
- ex Hiſtoria minus omni taliter
  - partem illam habentes
  - vel in genere
  - vel proportionale

notioribus nobis
- quæ neceſſaria
  - licite
  - contra
  - cauſis
- in quibus
  - ſperma
  - organa
  - materia





Corpus in
- Truncum
- Artus — vnde alii
  - Commenſurati
  - Incommenſurati

Artus

Motus gratia
vnde : ex oſſium iuncturis
et Muſculis
organorum motivis

- Crura et pedes a pede ſolo — actiones et vſus 4
  - progreſſio
  - motus localis
  - ſtatio
  - ſeſſio
- Qui pedibus carent 3
  - pinnis
  - longitudine Corporis et quo longiore eo minus pedibus. lizard
  - Alis volatilibus quo magis alis eo minus pedibus
- Manus Aprehentio et delatio præcipue Alimenti vnde pueri omnia ad os deferre geſtiunt — vſus 3
  - curandi Corpus
  - ſe defendendi
  - Artes organum ante organa vt Intellectus forma formæ

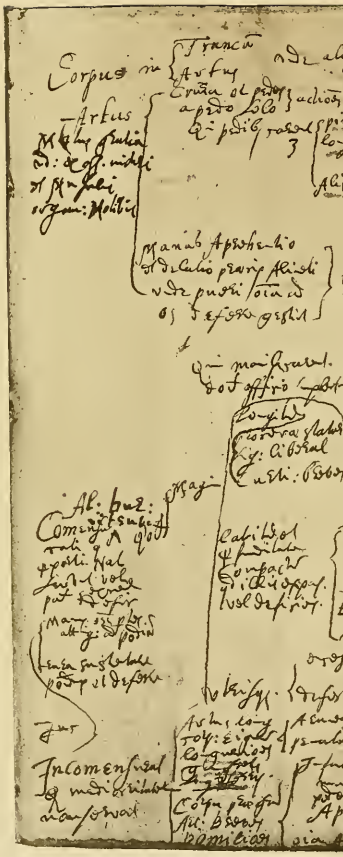
Qui manibus carent eorum officio ſuplent
- colli longitudine et roſtro
- lingua Apes canes
- proboſcide Elephas papilio
- pedibus ſimiæ pſittacus
- WH novi nectentem pedibus

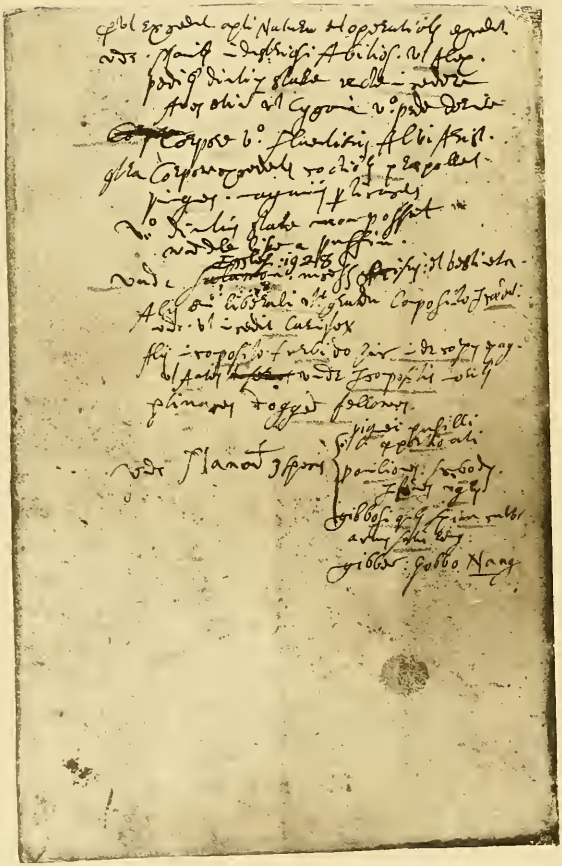
Al : bur : vitruvius

Comenſu rati qui proportionem naturalem ſervant vel parum
- excedunt
- deficiunt

Magni
- longitudine proceræ ſtaturæ
- ſignum liberalitatis
- Carti : breves
- latitudine et profunditate compactum quod illis expanſum vel deficiens
  - Toroſi
  - Muſculoſi
  - Quadrati
  - Pingues
  - Extenuati
  - Macelenti
  - Meagers
- vtriſque
  - exceſſus
    - Gigantes
    - Heroes vt
    - fuci regibus
  - defectus
    - puſilli
    - Troglodites
      - Neſcio quid illis corpore

Incomenſurata Quia mediocritatem non ſervant
- Manus omnes partes attingunt ad podium crura ſuſtentare pondus et deferre
- Artus longi corpus exiguum longuriones gengreti long Herry
  - Aranearum genus
  - penata ſtrutio cyconia grues
- Corpus prægrande Artus breves pomiliones
  - Inſantes primis menſibus : manus ad pectus vix protingentes
  - pedes ad vmbelicum vere
  - Apendices vt Rana teſtudo
  - omnia Animalia quadrupedes etiam equus





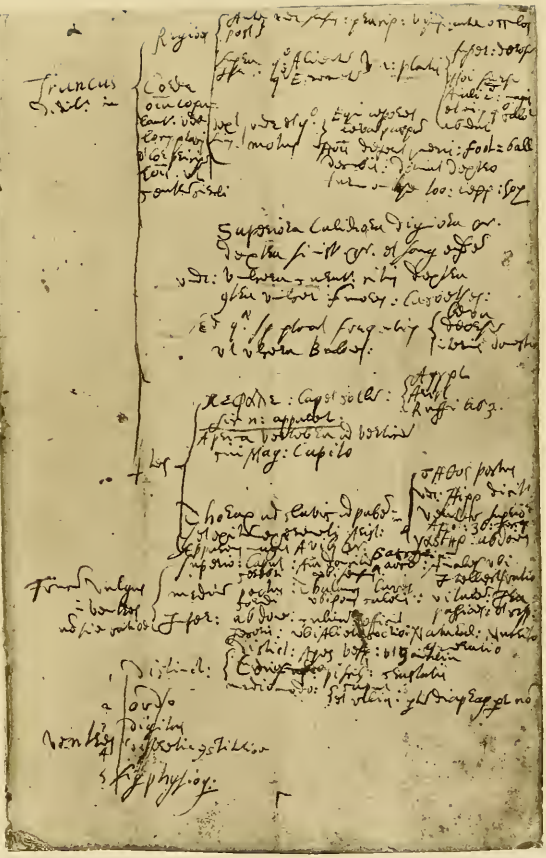
provt excedunt apti Naturæ eius operationibus excedunt
vnde Manibus induſtrioſi Ambitioſi vt Alexander
pedibus diutius ſtare recte incedere
Aves etiam vt Cygonia vno pede dormire
Corpore vno fluentitius Alvi Ariſtoteles
contra Corpore excedentes coctionibus præpollent
pingues magnanimi perticaces
vno diutius ſtare non poſſunt
waddle like a puffin
vnde " Salamon," Eccleſiaſticus 19.28. inceſſus et riſus et veſtimenta
Alij enim liberali vtuntur gradu Compoſito incædunt
vnde vt incedit Carnifex
Alij incompoſito turbido hinc inde Corpus exagunt
vt Anates " Anſeres " unde incompoſitis moribus
pertinaces dogged fellowes

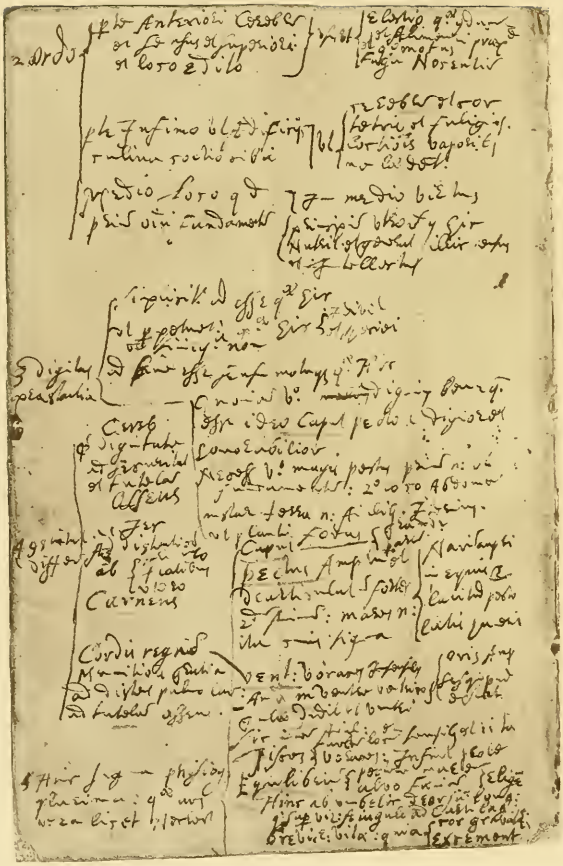
vnde Nanorum 3 ſpecies
- pigmei puſilli
  - proportionati
- pomiliones ſumbody
  - informes vgly
- gibboſi quibus ſpinæ curvæ
  - artus ſatis longi
- gibber Gobbo Nang

- **Truncus dividitur in**
  - **Regiones**
    - Ante / Post } vnde ſenſus præcipuus viſus ante occulos
    - **Corde omnia Copulantur vnde locus præcipuus et cor principium hominis vt centrum circli**
      - ſupra quo Alimentum vnde plantis infra quo Excrementum
        - ſuperius deorſum
        - Homini ſurſum
        - Animali ſecundum magis et minus quo calore abundat
      - dextra / ſiniſtra } vnde et quo motus
        - Equi lepores levam præponunt.
        - Hominis defectus pueris foot-decubitu dormiunt dextro turne on the too: lepp: hop
  - Superiora calidiora digniora &c. dextra ſiniſtra &c. et ſanguis eiſdem vnde vulcera curantur citius dextra contra vulcera tumores cacoethes
    - ſed quæ ſymptomata frequentius vt vlcera Bubones
      - leva
      - deorſum
      - interius domeſtice
  - **Partes**
    - κεφαλε: Caput et collum ſic enim apparet
      - Agypt
      - Ariſtoteles
      - Ruffinus libro 3
    - A prima vertebra ad verticem cui Magnus Capito
    - Thorax ad claviculam ad pubem et exitum excrementi. Ariſtoteles apparens magis avibus &c.
      - στηθος pectus vnde Hippocrate dicitur venter ſuperior apho. 30 ſec. 7
      - γαστηρ abdomen

- **Truncum vulgus in ventres non ſine ratione**
  - ſuperiorem: Caput cerebri } animæ domicilium ſacrarium arcem vbi ſenſus animales vbi Intellectus ratio
  - Medium: pectus cordi } Thalamos lares vbi fons caloris vitalem Ira paſſiones et reſpirationes
  - Inferiorem: abdomen jecoris: } culinam officinam vbi Alimenti coctio naturalis Nutritio generatio

- **Ventres**
  1. diſtinctio
     - diſtincti: apes veſpæ: vt animalia
     - conexi piſcibus cruſtatis medio modo
       - caput
       - et reliqua partim diaphragma partim non
  2. ordo
  3. dignitas
  4. differentia conſtitutione
  5. ſigna phyſiognomiæ





2 Ordo

- parte Anteriori Cerebrum et ſenſus et ſuperiori et loco edito } vſus vt
  - Electio quæ conducit et Alimentum præpedit
  - et quo motus
  - fuga nocentium
- parte infimo vt ædificijs culina coctio cibi } vt
  - cerebrum et cor
  - tetricis et fuliginoſis
  - coctionis vaporibus
  - ne lædentur
- Medio loco quod primum omnium fundamentum
  - In medio virtus
  - principium vtrorum hic
  - nutritio et generatio illic ſenſus
  - et intellectus

3 dignitas præſtantia

- ſimpliciter ad eſſe quæ hic
- vt perpetuetur quæ hic vt ſine qua non
  - Individuis
  - et ſpeciei
- ad bene eſſe ſenſu motuque quæ hic
- Quoniam vero "melius" dignius bene quam eſſe ideo caput pectore dignior et honorabilior
- Neceſſe vero magis pectus primum enim et ſundamentum: ſecundo loco abdomen inſtar terræ enim Animalibus Interius, vt plantis foras

4 Conſtitutione differentia

- Cerebrum. pro dignitate
  - ad ſecuritatem
  - et tutelam
  - oſſeus
- Jecur.
  - Ad diſtentionem ab
    - Alimento
    - flatibus
    - vtero
  - carneus
- Cordis regionem.
  - Munitionis gratia
  - ad diſtentionem pulmonum carneus
  - ad tutelam oſſeus

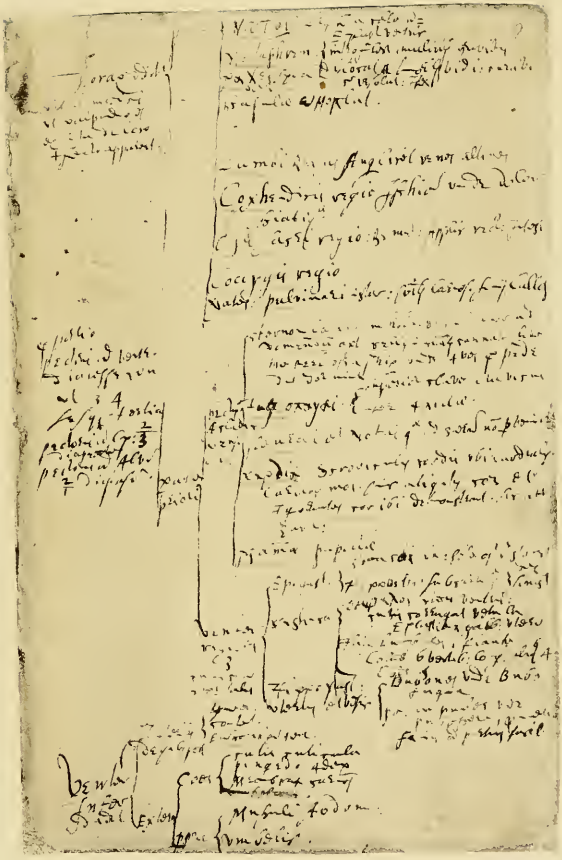
5 Hinc ſigna phyſiognomiæ plurima quæ ars vera licet neclecta

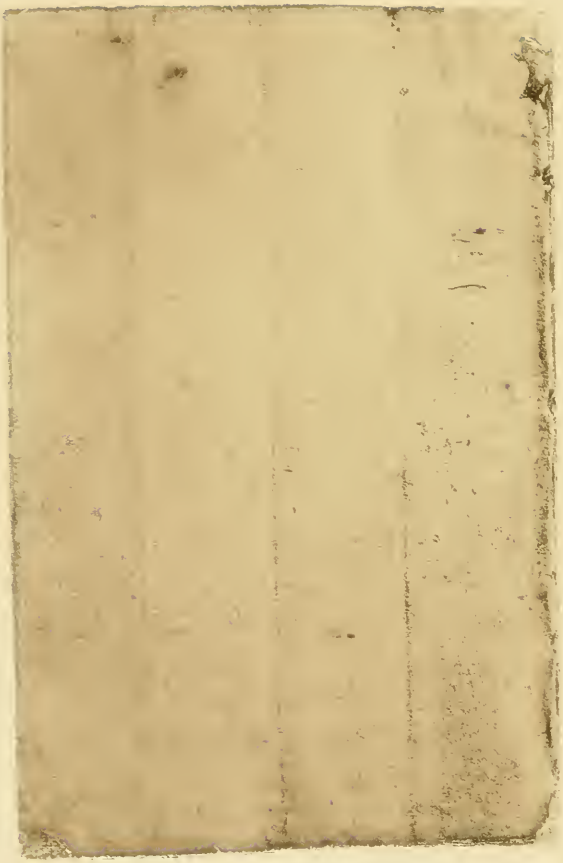
- Caput
  - grande
  - parvum
- Pectus Amplum et dearticulatum forte ſecundum animum: mares enim ita cuius ſigna } Narium amplitudo in equis et latitudo pectoris latis humeris
- Venter: voraces inſenſibiles Anima in ventre ventricoſo gulæ dedita et ventri } oris amplitudo ſeſquipedalis extat
- ſic inter Animalia et
- Piſces
  - arctum locum ſenſibus et vitæ
  - voraces: Infinita prole
- Equilibrium
  - pectore marem
  - alvo feminam
  - } eligem
- Hinc ab umbelico deorſum longius quam ſuper viz: A iugulo ad Cartilaginem
- breviores vitæ quia
  - cor gravatur
  - excremento

- Thorax dividitur vtilis medicis vt palpedines ex ſitu de loco affecto appareant
  - poſteriori
    - Νωτον tergum a collo adſ
    - Metaphrenon
      - Emplaſtrum ventriculi
      - introflectum mulieribus gravidis
      - diſlocatum a tumoribus
      - cum reſolutione Inferioris
      - } vidi : curavi
    - ραχες ſpina dorſi
    - Scapulæ ωμοπλαται
    - Lumbi Reyns Anglice renes altiores
    - Coxhendicis regio Iſchiorum vnde dolor
    - ſciatiqua
    - Oſſis ſacri regio re medica applicatio recti Inteſtini
    - Coccygis regio
    - Nates pulvinari inſtar : hominibus carnoſæ ſimiis calloſæ
  - parte priori
    - pectus a clavicula ad enſi cartilaginem
      - ſternon latior in homine et quibus latior ad vomendum aptior. reliquis animalibus carinatum the keel of a ſhip vnde Aves pro pede dum dormiunt
      - Jugulum
        - ſuperior claves clavicula
        - inferior axillæ
      - pleurai et notai quæ ad ſternum non perveniunt
      - καρδια ſcrobiculus cordis vbi Cardialgia
      - Cardiogmos hinc aliquibus cor et Ignorantes cor ibi demonſtrant. ſic att hart
      - Mammæ papillæ

proportio
pectoris ad ventrem
diateſſeron
vt 3 4
ſeſqui tertia
pectoris ad caput $\frac{2}{3}$
diapente
pectoris ad alvum
$\frac{2}{1}$ diapaſon

- Venter Inferior dividitur
  - venter regiones 3 cuius circum ſcriptio talis
    - Epigaſtrica
      - ſtomaci coïlia : hole of y° ſtomach
      - Hippochondria ſubcartilago
        - dextra
        - ſiniſtra
    - gaſtrica
      - ομφαλος radix ventris
        - cutis corrugata vetula
        - Emplaſtrum ex galbano vtero
      - Ilia lumbares ſlanke
        - Columbus 6 vertibræ longitudine aliqui 4 communiter 5
    - Hippogaſtrica vterus et veſica
      - Bubones vnde Bubo
        - Inguine
      - Pecten pubes vnde
        - pubeſcere prominentia
        - feminis ad partus faciles
  - Interiores de quibus poſt
    - continentes
    - contentæ
    - partim continentes partim contentæ
  - Exteriores
    - Communes
      - Cutis cuticula
      - pinguedo adeps
      - membranaceæ carnoſæ
    - Propriæ
      - Muſculi abdominis
      - Vmbelicus





Cutis. Corporis propugnaculum Munimentum vniverſum

10 Complementum omnia Colligens alij { Emunctor / medium tactus / organum tactus

Alij × a cerebro deferre Alimentum quod × in Arbore expertus

Subſtantia partium carnoſarum vnde caro nervoſa &c. Quæ ſequuntur ∂ { Pars temperatiſſima cutis manus digitorum vnde ſenſus tactus et ſecundum Galenu — exemplo: aqua calida et frigida omnium tactibus qualitatum medium / Differt homo ab homine cæteris paribus ſecundum temperie molitiem et duritiam cutis

⅔ Craſſitudine et tenuitate duritia mollitie variatur. Homini pro magnitudine (Ariſtoteles) tenuiſſima

Sed qualis videar { ætate / ſexu / temperie / Habitu / conſuetudine { victu / Aere

vnde alijs { craſſa tenuis / rara denſa / mollis dura

Corium humore pinguiori: magis aqueo Aparet corijs deauratis

WH tougher vbi tenuior Δ manu exteriori a fronte turne a lance

Omnibus natura terre quia pro ſumma iniurijs expoſita: humore evaporante ſolida terrena quod quominus humido muccoſo lento vt paret glutine ſiſe In tabidis tenuiſſimum non macilentis laxum ſqualidum vt vetularum Galen primo relaxatum etc. partium differentia variatur &c. Capitis craſſitudo &c. Aliquibus morbis arida circumtenſa. Hidebownd

A mollitie et duritia, &c ſigna phiſiognomiæ { Ingenuis morum equis craſſis will eate meat / ſani tenuis Agiles ſprightly / duriore et craſſo animoſitate robur ſalubritate corporis / ſed tardiore ingenio ferociter / tenuis { Ingerit Natura benigna manſuetudinem / { ſenſus exquiſitus vnde ſenſus interiores duriores ſenſu hebetiori

10.

10

Quia

Quia

Quia

Quia

4 Colour of Scotland in the reign of Nero

3 Cause why it is called Nero's Wife.

Lord of Gaul first pitch upon of Moses.
Gala [illegible] dominus. [illegible] aliquin [illegible]
he bon about Holborn [illegible] Board called.
Bunga

Gaula pili [illegible] set ab [illegible] desired
of [illegible] desired ab [illegible] religi [illegible]
[illegible] Barba [illegible] [illegible] Abri
religi [illegible] magi posbiol [illegible]. Avis.

Genevalio [illegible] in gr. [illegible] pria [illegible]
5 mor [illegible] Bunga [illegible] labia

Genevalio [illegible] in pulla [illegible]
[illegible] [illegible] [illegible]
[illegible] magi [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

De [illegible] Cigalis [illegible]
pili [illegible] quae [illegible] [illegible] Cigalis
[illegible] [illegible] [illegible]

Vasa bona 6. 2° a Jugular. 2° ab Apollin. 2° ab Jug
[illegible] porsant Roger [illegible]
[illegible] 2. [illegible] made [illegible]
[illegible] Habry [illegible] [illegible]
[illegible] in
[illegible] Creation

4 Color vt ſubſtantia intra carnem et nervum

3 Cauſa coloris ijs qui in cute naſum { pili / roſtro &c

In homine vt cutis ſic pili vngues vt Morſea
cute afferente defluvium creſcunt alienis locis
the boy abowt Holborn bridg Beard in altera
Bucca
A cute pili Homini ſunt vbi Animalibus deficiunt
et contra deficiunt vbi reliquis ſunt
Alij Inguine barba pectore muſtach Anterior
reliqua Animalia magis poſterior exceptis avibus

5 Generatio Spermatica quia &c. × W Δ prima conformatione

5 nec palpebræ neque Buccæ nec labia
Generatur vt in pulte Carne ſicceſcente &c.
ſerpentibus cruſtatis &c Arboribus Homini &c.
Homine Quo magis atterritur &c. Contra canibus
et ſimijs ſed puto illis &c. ſpurrd Hackney
ſaynts genibus Plautus callum aprugnum
Deperdita cute cicatrix craſſa &c vnde
pili quare Acubus cauteriſare cicatrix
vtilis luxationibus rupturis &c.

Vaſa venas 6 : 2° a Jugulatis 2° ab Axillatis
2° ab Inguine

ex Oribaſio Perſarum Reges pro feneſtra corium
Æneas Silvius Ziſkas ſcin made a drum
Mr. Havers pricks of the poths appeare in the
ſcin of deer in Croxton

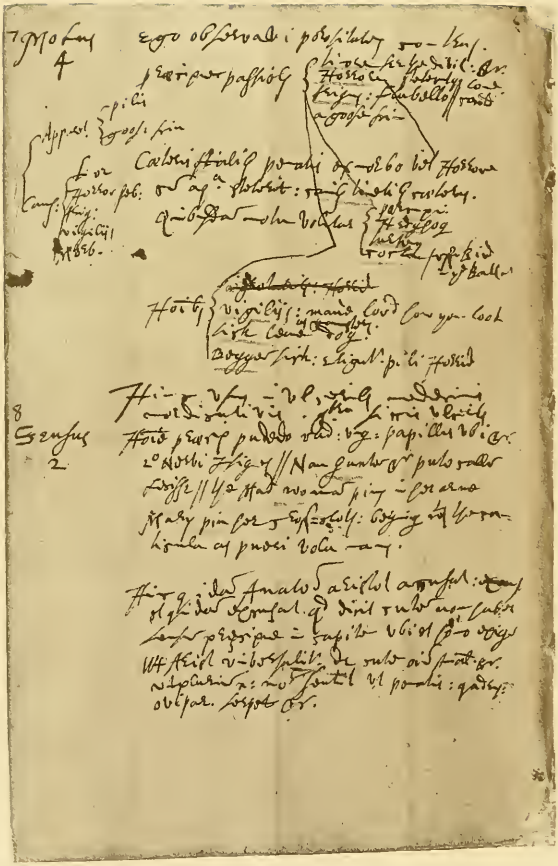
6 Figura: ſpeculo Infinitis lineis rugoſis ad &c.
3 In ætate ſicceſcente &c Alijs magis &c. greyne
vbi Hæret Ceruſſa vnde equi acuratius curantur
&c. cutis molem, vnde Venetis god make me
fatt &c. vetulis quo rugoſior &c vnde
the ſcin not for paynting for &c. rugis ſimiliter
ſordes &c. Quare ſi ſaperent &c. tabrina
di ſemola: vna ſuppa divino
8 locis perforatur apertè &c. ſed forſan Ano non.
ſed et perforatur { vnguibus occulis / vmbelico
poroſam &c. vt Hipericam ad fuliginem &c. ſignum ſudores
3 pili: qui in poris vnde pori obliqui vt ſitus
pilorum Hinc de frictione NB: WH vnde proſcalpſi
poroſitates contra "cutem" vngues
Hippocrates quibus rarior cutis facile &c.
vnde Medicis vt Ariſtoteles omnibus &c. obſtructio
et ab aere frigus
Quibus nimis aperta Ariſtoteles "ſudare" cruentum quoddam
excrementum et Galen Corii de fracturis
ſanguinem exire obſervaſſe teſtatur Laurentius in
Sudore Anglico: doctor Gilbert &c.
ſanguis tenuitate feruore pororum apertorum
vnde Alijs idem ſumptis cantharidem
Figura cutis eſt Corporis vnde
the beſt faſhion to lep to run to
doe any thing stripp to y^e ſcin.
Faſhion is but copertura redun-
dantiæ diſpoſitio fantaſtica.

figura: 3

8 Cori

Hipp:

Q. Nini apost:



7 Motus ego obſervavi poroſitates contrarias
4 timore ſee the divil : &c.
præcipue paſſionibus { Horrore ſteteruntque comæ
frigus fla bello cowld
a gooſe ſc in

Apparet { pilis
gooſe ſcin
Cauſæ { timore
Horrore febris
frigore
vigilijs
morbo

Cæteris animalibus pennatis ex morbo vel Horrore
cum aqua ſteterit : canibus timentibus cæteras
Quibuſdam motu voluntario { porcupin
Hedghog
turkey
cocktoo, ruff Bird
in ye Ballat

Hominibus { "ægrotantibus : Horrid"
vigilijs : manè lord how you look
as gameſters
ſick leane dog
Begger ſick : eriguntur pili Horridi

Hinc vſus in vlceribus medecinis
mordicativis contra ſiccis vlceribus

8 Senſus Homine præcipue pudendo radice virge papillis vbi &c.
2 2° Nervi inſignes, Nan gunter &c. puto callum
feciſſe the mad woman pins in her arme
Mary pin her croſs-cloth : beginning with the can-
ticula as pueri vola manus
Hinc quidam Anatomiſta Ariſtotelem accuſat "excuſat"
et quidam excuſat quod dicit cutem non habere
ſenſum præcipue in capite vbi et homo exigit
WH Ariſtoteles vniverſaliter de cute omnium animalium &c.
vt plurimum enim non ſentiunt vt pennatis quadrupedibus
oviparis ſerpentibus &c.

9 Conexio Multis locis cum panniculo carnoſo inſeperabiliter
" et ſitus" 2 vt corijs ovilis præcipue volatilibus plantis
laxior elboe talo propter motum
coſtis niſi pingues vnde &c.
ſeperata a carne extenuatur relaxata diſcolorata
vt rupturis Incurabilibus &c. quod non principium
10 Situs Extima corporis parte quo vulgus ex extremitate vaſorum
3 &c. potius
puto volatilibus quibus calor &c. Hinc alij fieri ab extremitate vaſorum
vniverſale Emunctor teſtatur effluvia ſudores
Imbecillitas facile enim a ſole et flatu one jorney
1 item quod vlceribus plurimis morbis infinitis
2 facile coloratur ab humoribus peccantibus
vt Ictero pallore &c. pani nomata &c.
ſtigmata; ſcabi
Cauſa imbecillitatis quia in via expanſio exterius
obiecta longe a corde

Dividitur { cutem
cuticulam extima cutis reſiccata facies
generatur vnde continue &c. regeneratur vt Capo di latta
6 vnde Epidermis ſcurffcin vnde infantie nodum &c
Cuticula et videmus valde exciccantibus
2 proportio late Arborum cruſtatorum ſerpentum ſenectus
Homine porrigine meale Avibus volutando
ſcalptu animalibus equo curried the bird att
St. James bemealing as a man ſcarlet

Conacio
[illegible]
12

Situs
3

[illegible]

[illegible]
6
Gabriel:

3 — Conex: non separata vide x Analog.
[illegible] [illegible] part. separat n: q. vt.
separari a carne. [illegible] [illegible]: [illegible]
[illegible] [illegible] vide: [illegible] [illegible]
non [illegible] [illegible] Cassius [illegible]: x [illegible].

4 — Contex [illegible] // [illegible] / [illegible] [illegible]

5 — Color varij: white & fayre: pale: darke
[illegible] / [illegible] [illegible] [illegible] [illegible] //
[illegible] // Cole black, [illegible] [illegible]:
[illegible] colour [illegible] [illegible] / [illegible] colour [illegible] [illegible]:
[illegible] green [illegible] [illegible] & black.

6 Usus medium [illegible] [illegible] [illegible] [illegible]
[illegible] vel [illegible] // polit [illegible] [illegible].
vide [illegible] [illegible] [illegible] Balneis [illegible]
Turcae: [illegible] [illegible] [illegible]
Alij [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]: [illegible] [illegible] pili [illegible]: [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]: q° [illegible] [illegible] [illegible] wooll
[illegible] &c.

3 Conexio non ſeparata vnde × Anatomiſtis
quaſi per ſe pars. ſeparata enim quæ &c.

ſeperabile tamen tumoribus phœnigmis igneis
Burning ſcald, vnde: detrahere coſmeticis

non in mortuo Caſſius problema × tentarunt
4 Contenta Morφiones, vermes, cuticulam pro cortice

5 Color varius: white and ſayer: pale: darker
Hiſpanus tanned ſunburnt tawny mores feſs,
Gypſy colored, Cole black Abiſini Congo:
Aſh color eaſt indyes, olive color weſt indyes
betwene green ſunburnt and black.

6 Vſus medium tactus defendendi cutem. humiditates
detenet vt intertrigine, politum et levem
vnde melior coſmeticis vnguentis Balneis &c. quod
Turcæ: Antiquitus curare cuticulam
Alijs Animalibus munitur cuticula cruſta elapſa
dogfiſh: ſpinis plumis pilis ſquamis briſtles
lana in Xylocoptero feſtucis teſtudine
Homo naked &c. yett Natur moſt ſollicitous
dedit facultatem quo hæc omnia ſcin wooll
furres &c.

Pinguedo { quod / ſitus / Quantum } { ſubſtantia et paſſiones / generatio / problema }

Pingue Ariſtoteles quod ex aqua terra aere quare &c
et optimum munimentum qua ingreſſus &c.
vnde deſino mirari feminas &c. furd mantle
vnde Macilenti cum parum pinguedinis &c. melancholici
plures vtilitates
vt lac et ſemen vtile bonitates
&c. ſalubritas reliquiæ coctionis ſanguinis

Situs ob prædictas vtilitates pluribus locis poſuit Natura
non capite cerebro &c.
ſed ventre inferno ad coctionem ſub cute. Muſculi
ſupra Renes non Renibus vnde oves Boves &c

Quibus viſcera parva venæ incertæ. Equilibrium { viſcerum / carnis
vnde parum ſanguinis et timor phlebotomiæ
vt limus enim canales &c.
et ſic viſcera jecur ventriculi inteſtina parva
vnde parum comedunt " omnia comedunt "
" plus vero bibere poſſunt "

quales { pabuli copia / " venter " Locis ventris / parvo / Intra carnem

quæ { nimeum / obeſis / parvis venis / viſceribus ſtomachi

omnia pinguefiunt vel Abdomine vel intra cutem maxime
Quibus venter parvus pinguefit intra cutem : contra quibus
reſpondeat venter faciei
Junioribus quibus rarior caro intra carnem &c. contra deffectum
vnde yeong geeſe &c. like a pudding
vnde ould geeſe dripp awaye and an ould gooſe
Arces Nates Nulla : Nicholas Maſſa × contra Fallopium et WH
pinguedinis et carnis Equilibrium iuuenis carnoſi ſeniores

Quantitas Copia papuli fallopius Vaccæ Hetruriæ Ariſtoteles
oves Siciliæ ſero deducuntur
Nicholaus Maſſa penuria infeliciſſimus &c.
Inædijs morbis prius abſumitur carne et ſic citius
regeneratur cuniculi 4 diebus
Aliquibus ventre iij digitos natibus palmæ. Tripeman 6 ſt
Cum Alimentum Nimium abſumitur vel cute pinguedo &

Pinguedo {quid, usus, [illegible]} {substantia, [illegible], [illegible]}

13

pinguedo [illegible]: quod ex aqua [illegible] [illegible] [illegible] [illegible].
et optimum [illegible] quam [illegible] [illegible].
vide [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
vide Marcelli [illegible] pingued: [illegible] melancholia.
[illegible] [illegible]
et [illegible] et [illegible] [illegible], [illegible]
[illegible]: [illegible] [illegible] [illegible]:
Situs [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].
Non [illegible] [illegible] [illegible]
sed [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] Non [illegible] [illegible] [illegible] [illegible] viscera
Quia viscera [illegible] [illegible] [illegible]: [illegible]: [illegible]
vide [illegible] [illegible] et [illegible] [illegible]:
[illegible] [illegible]: [illegible] [illegible]
et [illegible] viscera: [illegible] [illegible] [illegible] parva
[illegible]: [illegible] [illegible]: ~~[illegible]~~.
~~[illegible]~~

[illegible]: [illegible] [illegible] [illegible] parva [illegible]

[illegible] pinguedo [illegible] [illegible] [illegible] [illegible] [illegible]
Quia [illegible] parva [illegible] [illegible] [illegible]: [illegible]
[illegible] [illegible] [illegible]

[illegible] parva [illegible] [illegible]:

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].
[illegible] [illegible] [illegible]. [illegible] a [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] Natura [illegible]: [illegible] Massa [illegible] [illegible], [illegible]
pingued et Carnis [illegible] [illegible] [illegible] [illegible].

Qualitas [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]. [illegible] [illegible]
[illegible] Massa [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible].
Aliquid [illegible] [illegible] [illegible] Natura [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Normalia

Subglandi

Pinguedo

Color florum

Generalia globorum

De pilis globorum

Differentia aliquis

Qualitates

Pinguedinis nocumenta — Nimea Quantitas obeſt quoniam ijs parum carnis et ſanguinis: hoc vero excrementum vnde parum calidiſſimum labitur
vnde pingue cito putreſcit ſphacelatus vulceribus
Subſtantia — ſimile greace pinguedo liquente facilius Hog's abdomine
στηαρ tallow ſevum congenerat corde
Peramatus Adeps medium inter ſuem et Bovem viz. hominis
WH 3d genus Buttery oyly. Confuſum jecor piſcium
pinguedo — lingua: caro Anguillæ: gravey: peſti Italice
Hydropis curded: fatt vomited or in gliſter cake ſope
vnde ſteatoma
leucophlegma cromy and ſlime
Color flaveſcit icterus yellow Hammer vetulis

Generatio controverſa et proinde temperatur
Materia { oleoſo ſanguine / vapor frigus / ex ſanguine portioni frigus et tenaci limoſo Fernelius / Fallopius alicuius gratia in prima conformatione

H: Sar: eadem quæ ſeminis et pilorum vnde pili { inflammantur / tenſiva / &c &c

vnde obeſa ſterilitas vnde ſymptomata luis venereæ
WH quia venis et arteriis video vt omento ex ſanguine vt omnes reliquæ partes et coitu abſumuntur carnes

pinguedo adulterina
caro — Obeſa ſterilitas quia deficiens calor pinguis opifex
ex "parva" multa materia parum vt elixir
vnde Ariſtoteles obæſitas affectio vitibus quare et minus ſpermaticus vt vitis vvarum meſſis in herba

Efficiens alijs et temperatura { a calore calidiſſimo peramato / frigore frigidiſſimo Galen } WH { Temperatur Galen oleum modice humidum / quia { a temperatura calido / communium aquæ terræ

Quin frigus nil probat: 1° idem de carne quod hi dicunt (vt quidam quod in ovo
vnde parum philoſophi: ſupponunt × nec enim calor nec frigus adiuvant uterque
2° faciunt generationem ſeperatim quod × ex animalium venis quod febribus calor Membrum vt venarum rurſum in oleum
WH Efficie omnino calor nativus pro locorum varietate vt

vtitur frigore vt — malleus inſtrumentum inſtrumentorum
in carnis generatione vt — Molten lerd &c. nil præter paſſionem non generat pinguedinem
Eraſtus × concretionem a frigore ſi enim ſimul concreſcit et generatur idem a duobus contrarijs movetur eodem tempore

Pinguedinis problema. Homines non pinguefcunt

1° Animi pathemata vnde { ftudiofi macilenti to working
pueri fomnolenti pingues

2° Nimeo intempeftivo coitu extenuantur vt Animalia omnia
creftfallen pin=Buttockt

3 phifick beere falt wine vinegar &c. muftert faccharum
vnde Cæfar Germanos &c. victu leui
pueri londinenfes

4to Habitus athleticus degenerat in Cachochimiam
in morbos qui corpus extenuant
vnde too pampering browne bifket in y^e^ galleys
Maniaci:
Magna Alteratio in 1000 annis: finer wittyer &c.
quod Spartanis legibus fummopere "Cave" cautum

Membrana Carnofa partim membranacea partim vnde diverfa
Animalibus et partibus Canibus equis &c. ventrem
colligat: mufcas &c. excutiens: Elephas interficit
partibus vbi carnofior officium Mufculi inde puto aures
Capilitum: Vefalius cutem pectoris novit
carnofior flancke &c.

Vfus quo cutis detenet Calorem Mufculos et fecundum quofdam
pinguedinem generat alijs frigore alijs denfitate
Situs in homine fub pinguedine contra fimijs canibus
&c. vnde ovili pellibus adhærent
fenfum exquifitum vnde Rigor Catarro frigus
as a payle of cowld water powred on Neck
WH obliteratur divifionibus inter pinguedinem
in Infinitum enim fiffilis

Memorandum Carosa: [illegible]

Mitto de Mapamundo in quo partes; quinque
divisionis or.

Mapamundi petro gottardio dilectissimo et cum [illegible]

[illegible]

1 Quisquis filio posteriori gotti di [illegible]
[illegible]

Ecoglo: [illegible] frig: aff: visu
Boaer [illegible] pauc: rostrifistig

2° Quisquis filio rorgosi [illegible]
[illegible] Nul: nil [illegible]

Ecoglo: [illegible] pagen: [illegible]

2° [illegible]

3° Quisquis [illegible] ecoglio: [illegible]
[illegible] sed [illegible]
[illegible] ecoglo: [illegible]
[illegible] Cuculli [illegible]
[illegible] x ox [illegible]

4° [illegible]

[illegible]

[illegible]

[illegible]

Numeri 8.4 por vel [illegible] 5. pieuidal: [illegible] 5.

Mitto De Mufculo in generales partes particulares
divifiones &c.
Mufculi Actio conctractio dilatatio fecundum latitudinem
vnde Apropinquatio &c. Non folum caudæ &c
exemplo afcenfus progreffus Brachia corpus
Quiefcente vno alterum &c. quiefcet Ambobus compreffum
" motis amborum tonicus motus"
1 Quiefcente Ilio pectoris conftrictio dilatatio
modo contrario refpirationibus { magnis adducitur / parvis diducitur
Exemplo: ingreffu frigidæ aquæ rifu
Beare att ye ftake pant: cockfighting
2° Quiefcente Ilio corporis erectio tonicus motus
vnde contra vulgus lumborum Antagonifta
præcipuus vfus quia Natura nil fruftra
Quare
Exemplo animalibus: pueris: extenuatis: in
tumblers
2 Quiefcente pectore in tumblers, in coitu.
leaping fwinging
3° Quiefcentibus Ambobus: vomitus egeftio vrina
partus, flatus: fed non propter hoc folum
et præcipue vt vulgus: exemplo: aves et
Animalia: deinde curvatur corpus
egeftione vnde × ex arcus chorda
4to A carne calfacere vnde Extenuatis fotus
item propugnaculo
A fibris et capite enim vnde Alimentum fenfit ante fupra
Alij afcendentes &c. " oblique &c." fic enim comprimunt vniformiter
concine tenentur: as the carior his pack: lo: cros thuart
Alij obliqui &c. vt corpus vndique detenerent et comprimerent
Numerus 8: 4 par vel quidam 5 piramidalis utrique 5

1 Obliqui deſcendentes duo externi : maximi figura Δ
Ab oſſis Ilij ſummo carnoſi pubis Nervis perforati
Tenduntur reſupino collum et ſcapulas attollente
lumborum membranæ
coſtis 7. vel 8 : digitatim ſerrato maiori
in lineam Albam : quæ ex concurſu tendinum
a Mucromata cartilagine ad pubem circa
vmbelicum latior
vſus dilatatio pectoris et inclinatio ad latera et compreſſio
vbi "enim" venter Muſculi comprimunt

2 Obliqui aſcendentes decuſſatim priores figura △
ab oſſis Ilij apendice carnoſi et oſſis ſacri ſpinis
membranæ dorſi et quatuor Infernarum coſtarum extremitati
lato tendine rectos amplectitur ad lineam Albam et
os pubis :
non ſeperabile a rectis quare × Anatomiſtæ
Hi quatuor Venas et Arterias a vena Muſcula iuxta lumbos
enata Nervos ab extremis Thoracis vertebris
vſis vt prior ſed alio loco comprimunt

3 Recti ab oſſis pubis anteriore et ſuperiore orti, mox
carnoſi ad oſſis pectoris latera et verarum coſtarum
Tenduntur reſupino caput attollente
cartilaginibus, fine carnoſo Amplo.
Sectiones 3 : rarius 4 internodia ad robur et vim vectis
Cum enim &c. 1 Infra vmbelicum 2° ſupra "partim
vno partim duo"
vſus præcipuus : corpus recte tenere erigere quod cum
fit aliquando curvato aliquando diſtento : recto
vim vnius Muſculi curvato duorum : ita Natura
partim vnum partim plures
Nervos aliquando quatuor circa medium ad eorum Im-
preſſiones ab extremitate thoracis
Venas recurrentes dictas ab Hypogaſtricis et Mammaribus
quorum Anaſtomaſis quod raro apparet : conſcenſus
vteri mammis
WH ſed alio modo conſenſum operis ſocietate: conſentiunt præteria
laringe et pectore vterus
Nec opus regurgitatione lactis a loco vbi non eſt ſed
a quo viz: venis

1 Obliq. d. [illegible] 2° [illegible] : [illegible] : fig. A

[illegible] os ossis Ilij [illegible] : pubis [illegible] : [illegible]

[illegible] Costis [illegible] : [illegible] 15.

[illegible] = lineae albae : q. [illegible]

a musculo [illegible] ad p. [illegible]

a [illegible]

[illegible] d. Ischii [illegible] Cubitum et [illegible]

[illegible]

2 Obliq. [illegible] d. [illegible] : fig. B

ab ossis Ilij [illegible] et ossis sacri [illegible]

[illegible] ad dorsi : et 4 [illegible] Cost. [illegible]

latus [illegible] recto [illegible] ad lin. albam et

os pubis :

non [illegible] a vertebris [illegible]

Hi 4 [illegible] et albae a [illegible] angulus [illegible]

a [illegible] Nervos ab [illegible]

[illegible] et prior sed alio loco [illegible]

3 Recti ab ossis pubis anterior et superior [illegible]

[illegible] ad ossis pubis : Cubitum et [illegible] Costis

[illegible] Cartilagines [illegible] Carnoso Apophysi.

[illegible] Sorbiori 3 : varij 4 [illegible]

[illegible]

[illegible] : corpus [illegible] oblique, qd [illegible]

[illegible] aliq. ad [illegible] aliq. ad [illegible] : [illegible]

[illegible]

Nervos [illegible] ab [illegible]

Venas [illegible] ab [illegible] et [illegible]

quod [illegible] in qd [illegible] appetit : [illegible]

[illegible]

[illegible] sed alio modo [illegible] costis [illegible] : [illegible]

[illegible] et [illegible]

Nervos [illegible] a Corporis [illegible] sed

[illegible] : [illegible]

4to. Rectus [illegible] a mucrone [illegible] ad [illegible]:
ad ligamentum [illegible]: Nervos [illegible].
[illegible] [illegible]
[illegible] ~~[illegible]~~ ad [illegible]
[illegible] a [illegible] { [illegible] ad [illegible]
[illegible] [illegible]
[illegible] ad pubis
[illegible] [illegible] [illegible] vide [illegible]
et [illegible] ad [illegible] [illegible]
[illegible] [illegible] [illegible]: [illegible] ad [illegible]
et vasis [illegible] et [illegible]
[illegible] ad [illegible] [illegible].
[illegible] illi [illegible]

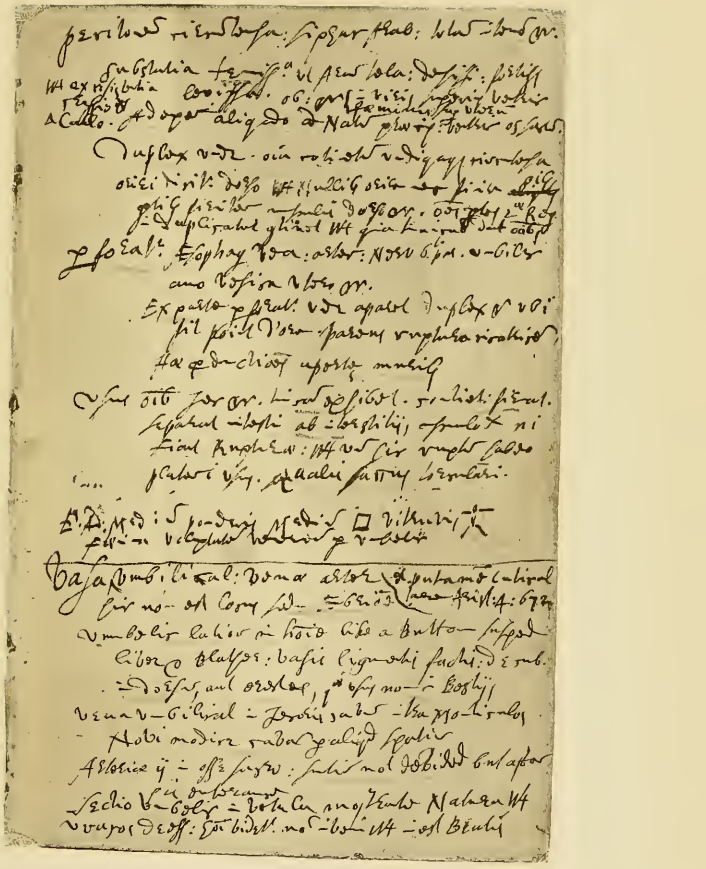
5 Pyramidales origine alter altero maior ab osse pubis:
aliquando sunt aliquando non. partes rectos
vide non necess.
Usus ut ipsi parvi [illegible] et non necess.
natura [illegible]: [illegible] parvi [illegible] [illegible]
parvi [illegible] [illegible] [illegible]
[illegible] Albam [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

Observ: Nervos: massa [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]:
vide Sectio Calculi:
~~[illegible]~~ [illegible] [illegible] [illegible].
paracentesis infra umbilicum 3 digit. a
ad latus propter [illegible]: [illegible]: et
consolidatio [illegible] [illegible] [illegible] mobili

4to Tranſverſi Infimi a Membrana prædicta : vel
ex ligamentis vertebrarum : Nervos carnoſos
Interiorum coſtarum finibus
oſſibus Ilij "et pubis" adnati
Tendine lato { ſupra ad cartilaginem Enſi
lineam albam
infra ad pubis }
peritoneo pertinaciter adheret : vnde vix &c.
et male quod Natura ſeperatum &c.
Tendines horum vt obliqui perforantur ad vmbelicum
et vaſis ſpermaticis et etiam
Muliebri ad proceſſum vteri Cremaſteres
vnde illis Bubonocele
5 Pyramidales exigui alter altero maior ab oſſe pubis
aliquando ſunt aliquando &c. partes rectorum
vnde non Neceſſarii
Vſus vt ipſi parvi momenti et non neceſſarii
natura enim vſibus parvi momenti partes
parvi momenti incertos obſcuro loco
lineam Albam elevare veſicam Comprimere
ſuccenturiali auxiliares obliqui Aſcendentibus Guin
Obſervatio Nicholaus Maſſa tendo ſenſibilis &c. convulſiones
dolores prava ſymptomata
vnde ſectio calculi
"ſectio vmbelici WH monſtrante natura"
paracenteſis infra vmbelicum 3 digitos 4
ad latera propter tendones venas et
conſolidatio parte carnoſo parum mobili

Peritoneum circumtenſa : ſiphac Arabice : totum internum &c
Subſtantia tenuiſſima vt Araneæ tela denſiſſima fortiſſima
WH ex reſiſtentia craſſitudine △ Callo leviſſima ob : &c. { in viris ſupernis ventriculis / feminis ſuper vterum
ad epar aliquando ad natum præcipue ventriculos os ſacrum
Duplex vnde omnia continentur vndiquaque circumtenſa
oriri dicitur dorſo WH Nullibus orire nec finire " aliquibus " omnibus
partibus firmiter muſculis dorſo &c omnes partes ſecundæ Regulæ
in duplicatione continentur WH quia tuniculam dant omnibus
Perforatur Œſophago vena arteria nervorum ſexto pari vmbilico
ano veſica vtero &c.
Ex parte perforatur vnde aparet duplex &c. vbi
ſit point d'ore parens ruptura cicatricem
Hæ productiones apertæ muribus
vſus omnibus jecoris &c. tunicam exhibet continet firmat
ſeparat inteſtina ab interſtitijs muſculorum ni
fiant Rupturæ : WH vnum hic ruptum habeo
Plateri vſus. Qualis ſaccus torculari
Dr. And : Medium ponderis Medium □ Vitruvius
fœmina voluptatem veneream per vmbelicum

Vaſa vmbilicalia venæ arteriæ
hic non eſt locus ſed Embrione
et putamen Cuticulam aere Ariſtoteles : 4 : 672
Vmbelicus latior in homine like a Button ſuſpended
liver and blather : vaſis ligamentis factis : decumbens
in dorſum aut erectus quæ vſus non in Beſtijs
Vena vmbilicalis in Jecoris cavum intra Monticulos
novi modice cavam per aliquod ſpatium
Arteriæ ij in oſſe ſacro : ſumtimes not devided but after his enterance
Sectio vmbelici in vetula monſtrante natura WH
υραγος deeſſe homini videtur non inveni WH ineſt Brutis



Venite Jesu

Polly gherke Felicia Cubiculary: Eurosi: Donabeir
Domenic Fe rer: Boutsirely: Gula
osbolliomli: Cion Figlia: Dandor
explicion: Feigna: Flion Colon: Cor
rectly: Reny bedbey: Dosion: Basa
preparatia Depedolia: Bey.
mesbolli: mesbeair bena: panssay
[porta celiara vamy Jesu: polly
Hervby Jesu gir final vir N.] fell
Jesbria magna et bona de sodely
Emlyorley.
Berik: Silu et posi in Ewgor oid gd fno
vos mayer wolle: posba figelar
Deu-ogogs.
Silly oid: gh rolly gli-rolly: Nat. Romiay
et Rosa Bel Ebro: cum filia gli Nolly Apil.
Jpostlo Jesu gr gatty Jesus attor side
C figyer bowy gr Havill
Fell et empty gr solle gatto-yd liar
bowy gr Havil
Lilly et Judy glu cyg: bussil.
Bradly: Robert: Wt A — lli et gelar
post hew-vire — q. forward.
gredidu: yeorgyils by Carig: Ide rutt
Suffe-sa-Felia: Cardinal Cupoy: Ead cept
pulsie: Hypogust rlear cafly.
Jhoglia alig do: Folly-flat: alig do rom-
Gallia Sakadu: rigs mulo Flirill Flys

Venter Inferior

Partes contentæ Arteriæ vmbilicales: Vracos vena vmbilicalis
Omentum Jecur ventriculus Gula
os ventriculi lien Inteſtina Duodenum
ecphiſima ieiunum Ileon Colon Cæcum
rectum Renes vreteres veſica: vaſa
præparantia deferentia vterus
Meſenterium meſeraicæ venæ: pancreas
[porta celiacæ ramus Jecori: porus fellis
nervus Jecori hic ſimul vnivntur] fell
Arteria magna et vena deſcendentes
Emulgentes
Breviter Situm et poſituram horum omnium quod ſcio
vos maxime velle: poſtea ſingulatim
de vnoquoque
Situs omnium partim certus partim incertus Natura Romidges
as ſhe can beſt ſtow: as in ſhips propter motus Agiles
Impoſterum Jecoris the gutts thruſt att one ſide
and ij fingers beneth the navill
full or empty the colick gutt on ye liver
beneth the navil
ſitting or ſtanding contra lying
Breathing: Moventur WH Δ multis exactam
poſituram invicem nunquam ſervant
gravidis: yeoung girls by lacing: vnde cutt there laces
ſuſpenſa Ilia: Cardinal Campegius: hard and yet
pulſare: Hypogaſtron cleane empty.
Inteſtina aliquando ſubtus inflata: aliquando con-
dentia retracta ſignum malum Imbecillitatis Inteſtinorum

Jecur magis dextra × totum vnde vena umbilicalis
vide conexum lieni
WH Tumorem meum quartana
vnder the Choin tutele gratia allong vp to the
7 Ribb dextra ſupra vnde difficultas reſpirationis Tumore Jecoris
long the ſhort ribbs
vpon the ſtomach which it covereth
Conexum ſemper diaphragmati duobus fortiſſimis ligamentis : vmbelicali
venæ cavæ ramo : ſpinæ
aliquando coſtis peritoneo Colico
Conectitur capiti per nervos Cordi vaſibus
ventriculis et lieni per ramum ſplenicum

Splen other ſide of the ſtomach towards the ſhort ribbs
Tangitur manu vnder the ſhort Ribs att the end
of the vltimum or penultimum
ſoe vnder and ſoe behinde quod vix ſano ſentitur
præcipue ventre tenſo vel pingui
Tumente nihil facilius ſentitur tactu et deſcendit
Connectitur omento aliquando diaphragmati peritoneo
Reni ſiniſtro
viſum Animalibus : cum liene loco jecoris et contra Ariſtoteles in mayde
and ſcente potius dextra ſi pars alta ante cum
jecur in medio tribus lobis
Sorow Thom : prudens litera V erit parte
dextra anteriori Inferiori

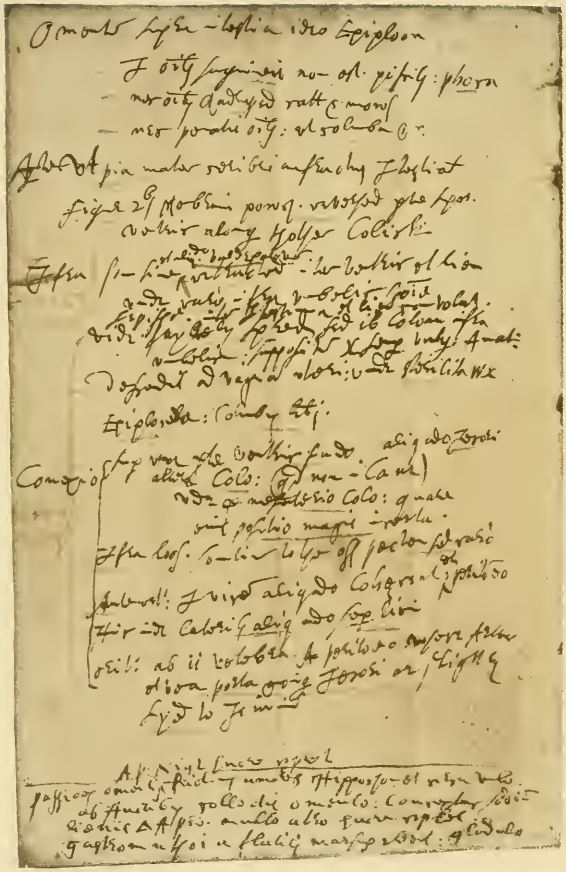
Ferae magni dorsi se totum vide vom-ibus
Vide ramos lionis
Et tumores nervi septimi

and on the Chest with the gutta alloy
the ribs. dock up vide osseal vesp. Tree for
long the rest ribs
upon the stomach not in robust
Como spine diaphragm if the pleuritic liga ski: vidis
aliquando costae. pendendo colur.
Concrete: capil. of nervos: l. di. basilic
in the ear of Cleni of pan splenic.

Spleen of the side of the stomach towards the rest ribs
Tangit: manu under the rest ribs at the end
of the ribs of pancreas.

Secundum for besides quod vis sano habit.
plerique barba longo vel pugn
Tumens nihil furibus habit: lacu: et deformit
Comorbit: omento: aliquando diaphrag: pleuro
Non finitus
visceral: et vide coro fronti et the stomach
et the back poli of the dock si pro alba aut non
fore-indio tribus lobis

Sunt dium: pendet et
exhibet: arteriis inferior



Omentum ſupra inteſtina ideo Epiploon
In omnibus ſanguineis non eſt: piſcibus: phoca
nec omnibus Quadrupedibus ratt and mows
nec penatis omnibus: vt columba &c.
A parte vt pia mater ceribri anfractus Inteſtinorum
figura duobus Membranis powch reverſed parte ſuperiori
ventriculi along thother Colick
Infra ſum time et aliquando valde parvum retracted inter ventriculum et lienem
vnde raro infra vmbelicum homine
revoluto omento ſepiſſime eſt inter Inteſtina et lienem Convolutum
vide ſayrely ſpred ſed ibidem Colon infra
vmbelicum: ſuppoſitum × ſemper vulgares Anatomiſtæ
deſcendit ad vaginam vteri: vnde ſterilitas W ×
Epiplocele: Columbus liber i

Conexio omento expanſo
ſuper una parte ventriculi ſundo aliquando Jecori
altera Colo (quod non in cane)
vnde pro Meſenterio Colo: quare
eius poſitio magis incerta
Infra loos ſometimes to the oſs pecten ſed raro
Ante retro: Invicem aliquando coherent et peritoneo
Hinc inde lateribus aliquando ſemper lieni
oritur ab ii vertebra a peritoneo where arteriæ
et vena porta going Jecori ar ſlightly
tyed to Jeiunium

Paſſiones omenti Apollonius Niger humore repleti Riolanus Tumores Hippochondriaci et circa vulv.
ab Humoribus collectis omento: Conceptaculum ſordium
lienis Δ A ped. multo atro humore repletum
gaſtromuthoi a flatibus marſupii elevatis glandulæ

Quantitas aliquando exiguum valde vt pertingere
ad vmbelicum non potuiſſet
Cito inædijs abſumitur " vnde "
Expanſo vnde alij Nutrire putant WH × ſed
quia liquabilius carne
Cito corrumpitur vt cadaveribus: et omne pingue
citius quia cænoſum
vnde Hippocrates exitus neceſſario putreſcit
vnde Galen Vulcer non reponendum

Magna quantitas in homine pro proportione
vnde epiplocenaſti omenti geſtatores
Canis et ſimea magis inter Animalia
tripeman; 8 ſtone more then an oxe
Maiores quibus pingue ſeperatum
vnde ſenioribus yeoung ox leſs tallow " quia "
Quia pingueſcet intra carenem
it furreth vp the veynes vt Canalis limo
Subſtantia membranorum tenui levi
Diviſiones 3 { fatt greſe in quibus Adeps. tallow in quibus ſevum
venæ amplæ: ſignum quod exſanguis adeps
quia non oleoſior iſte ſanguis
glandulæ ad diſtributionem venarum

diviſio et reflectio

Vſus 3 { venas a porta ad ventriculum et lienem defert et Colo et duodeno
omnia colligunt: Invicem jecur·ventriculum &c. &c. et omni dorſo
fovet et lubricat Inteſtina ad ipſorum motum vnde inter ſuper. et coctioni

Fallopius Nullum quia (Avicenna) Calorem coquentem { recepit / detinet lentorem

vnde Galenus ſencer abſque lana cruditates
vnde pingues omnia Comedunt et Hillares
Macilenti a paſtu Mordicantur ægrotantes leviores

Quantitas aliq do exigit valde ad plurium
ad valetudinem potest esse

Cibi mediocres absumpti
vide alij Nutrire putant ut x sed
quia aliquibus gravat

Cibi Colerici: et sanguinei: et otiosi
Cibi quia sunt
vt Hipp: et Galen Nocent pulmoni
et Gal: bulbus Non nocet ad.

Magna quantitas sed qualitas
vide Epiphanius in libro quotidiano
Carnes et sinuum magis in aurilia
Strepitus manus et gluten cubitum tyrannidem
Maior qualitas
vide Rhodig. vinum op Cisti bullow quia
quia pingit et hostilem gravat
et fructus et herbarum et Coralii Cinis
Subtilitas morbi boni Cori.

Ratio. 3
Tactus frons: quia ad oculos: bullow: quia gravat
Odoratus: quia ad axilla: ad pectus
quia non offendit oculos sang.
Gluten bulbus ad nostri libriorum vocant
Odoratus a potus et nutritus et liquor et Colo
Visus 3
ora et oculi et nudo
ora et oculi: Tuissor publicitatem quia et ad nudo
Cibus et bubulus et Flagellum et sociorum vide in
quia Albinus Calvus et regalis et Corali et Colo
Gallus Nidus
vide Galen Tuissor alij quia gravitatem
vide Rhodig. ora Cordial et stillatus
Mariscalli a pagla, medicinalis aqua et Corali

Ventriculus ſupra os ventriculi: parum in levam
diaphragma
Infra omentum Colon: et aliquando ſuper
vnde quando Colo fæces Appetitus proſtratur
vnde a cliſtere Nauſea et contra flatus deorſum
Ante tangitur regione epigaſtrica et
ſoe along the ſhort ribbs and ſoe in
Alij Coctionem a fecibus vt fermentationem Chimie infimo: Cl:
levam vbi maior pars et proprius ſpinæ
pone pancreas et porta
dextra jecur leva lienem
Oritur ab Œſophago
definit in pylorum (pyle janua janitor) parum inferius
Quia locum daret jecori
Occurrit felli: vnde quibuſdam Ardor ventriculi
pertranſit portæ Cæliacam

ſs. portam ventriculi particularis
Venas a portæ ſplenico Ramo quia { ſanguinem adferunt / chilum deferunt }
vnde non Nutriri Chilo Galen: 3° de Naturæ facultatibus
vnde vim cito nutrit.
Vena coronalis et vas breve. a ſplenico poſt diviſiones parte ſuperiori
vnde regurgitatur acidum famelicum
WH × quia non differt a reliquis venis
Cardinal Cibo Columbus dilatari
"vnde" vomuit ſanguinem de multis
Riolanus et Δ WH varices
"vnde" × Peramato de humoribus Cap: 29
Arterias a Cæliaco de quibus alibi
Nervos ij a quibus recurrentes fuerunt: pertranſeuntes diaphragma
bipartito dividuntur vtrimque horum dextra in ſiniſtra et ſimiliter
ſiniſtra dextra et poſteriorum oris ventriculi et inde pyloro
vnde os ventriculi quaſi totus ex Nervo
vnde hic ſedes appetitus
Nervos ij alios a 6ti paris ad radices coſtarum
Nervulos aliquando ſiniſtro latere ab ijs qui lienem
vnde Conſenſus Cerebro Magnus et contra
vnde vulneratis vomitus et Hemicranea
vnde affecto patitur Cerebro Imbecillitatem Melancholiam.

Confoſſo pectore et dilatato liene

Hinc mirum de ſpe et fiducia et contra
ab affectionibus oris ventriculi
vnde Nerve ſtick vntill att hart
vnde excitatio Animalis functione venarum
fatnes : motion from the lower Hous
ſic acidi humores : acidi ſawces.
vnde ſi Nimeam dolores cardialgiam
lipotheum vertiginem Epilepſiam : &c.
vnde Meipſo Nauſeam et ſternutamentum
vnde parum adaucta Epilepſia febri
vnde ſingultus ab humore abſorpto vel compreſſo
vnde Sir William Rigden all yeallow
vnde J ſimpſon of Chalis : detentio
ſpiritus
vnde Sal: Albert. ex Coſtæ compreſſione
WH ſternutamentum
vnde in a frogg ſolum tacta gula
vnde valetudinarii victu attenuati acri
multi ſunt ſemper conqueruntur Lady Croft
Embrionibus Mucca Aer : ne ſit Fames

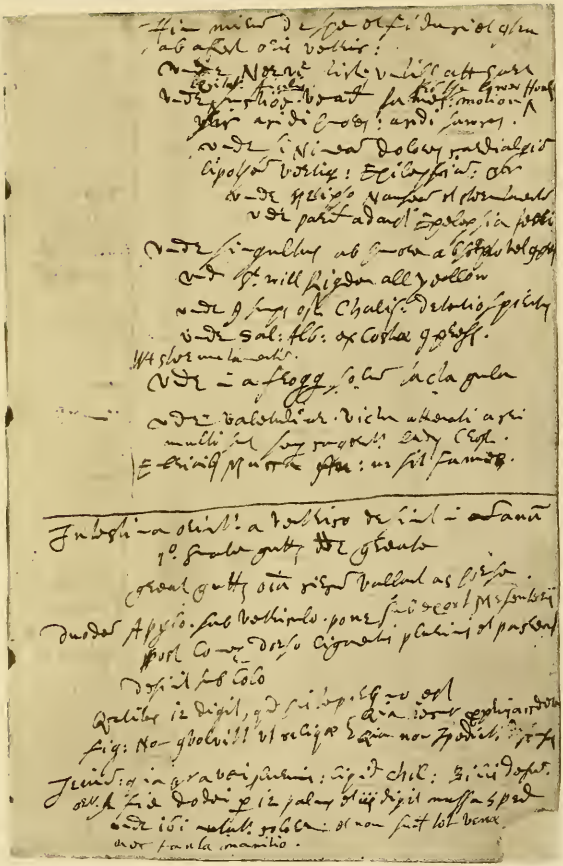
Inteſtina oriuntur a ventrico deſinunt in " aum " anum

1° ſmale gutts deinde greate
great gutts omnia circum vallantia as horſe
Duodenum a pyloro ſub ventriculo pone ſub exortu Meſenterii
poſt conexum dorſo ligamentis plurimis et pancreas
deſinit ſub Colo

Quantitas 12 digitorum quod his temporibus non eſt

Figura non convolvitur vt reliquæ { Quia jecur propius accidere / Quia non Impedietur deſcenſus

Jeiunum quia &c. a venis plurimis liquidum chile Bilis denſus
oritur a fine duodeni per 12 palmas et iij digitos menſſura 5 pedes
vnde ibi mutatur colore et non ſunt tot venæ
nec tanta inanitio



Fleon

Quod: Cogitud 21 Nig Mass. 20 pd

Fig Hord oigagi

Maga i alia

Exemplo: Candela

Ileon circumvolutum unde morbus volvulus mifere &c.
vnde os Ilij,
Oritur vbi rubefcere incipit inteftinum
definit in colon fub rene dextro
totam regionem Inferiorem occupat
fub vmbelico et colico
fuper Ilia coxas et veficam &c.
Quantitas longitudine 21 Nicholaus Maffa 20 pedum
Magnitudo minor Colo. fmale gutts
Figura homine omniquaque convolutum vnfett Ruff
contra Birds and fifh { columba anfere Hen / Barble playfe }

partly vp and downe partly hinc inde
Quia homine Inteftinum 6es longitudo Corporis 7es ginney Cunney
6es vero Homine et Multis Animalibus magnis
Quia non femper Comedere debuiffet Animal
vnde quibus minus convolutum: voraciffimus pifcis
Magna animalia
Quia Hærerent alimento vt plantæ
Quia nec comederent quantum opus effet et Emittunt
Exemplo: candelæ
vnde Elephantes: quafi 4 alvos
vnde Δ in phoca 12es cui nec Inteftina Magna
vnde teretia: fecundum quod magnitudine deficiunt
vnde Inteftina longa "ventriculi" parva
contra magna vt et ventriculus "vel plures ovibus" Breviora
vnde etiam ventriculus vel craffus plures: minora
contra maiora cum vno modo parvo ventriculo
6es item Homines et Multis Animalibus Magnis
Quia tardius concoquunt
quia exquifite magis elaborato cibo: Homini
Quia plus temporis vacare cæteris officiis vitæ
Breviora quia Rudius Alimentum
quia plus temporis vacare alimentatici
facile cito concoquunt: Hippocrates celeres diiectici

Cæcum Monoculus extremitati Coli Appendix
quia cæcum officio magnitudine vermiculoſum
Homine inter Magna tamen Notæ gratia : vt papillæ
contra : Hoggs Hare oxen Ratt &c. tanquam alter ventriculus
Homini aliquando Magnum vt fœtu WH Sal: Albert: Aliquando non omnino
Hic Socratis regula pro ſimilitudine in a great print
WH Tranſitus de quibus poſtea hic tantum ſitum
Colon Gutt
Oritur A Cæco ad lumbos ſurſum
pertranſit deſuper Renem dextrum cui conectitur fibroſis
pertranſit ſubtus Jecur et fell : quibus aliquando conexum
vnde tinctum bile vidi
vnde per imum ventriculum in lævam
aliquando iij vel 4 Infra vmbelicum
Leva ſurſum ad Renem ſiniſtrum cui connectitur
vnde conſenſus Renum et eadem { Nephritis / Colicus
pertranſit lienem vnde hic Rugitus a flatibus
vnde Hic propter revolutiones dolores et in principio
deorſum ad lumbos Quo fruitur peritoneo
ligato terminatur Recto
Quantitas 7 palmas 7 digitos Maſſa 10 pedes
Quia Colon hic ſurſum apparet
quod Cibus deorſum non pondere :
Exemplo : lead Bullet : drink ſtanding head
Riſe a medice Colic. in caſſum

Rectum vltimum "in Anum"
oritur a ſumitate oſſis ſacri
deſinit in Anum
Conectitur oſſi ſacro peritoneo
Sub : veſica ſub vtero : ſub proſtatis et radice penis
vnde conſenſus veſicæ et proſtatarum
vnde WH dolor ab excremento Inflammat proſtatas
vnde Galenus Inflammat Inteſtina Iſcuria

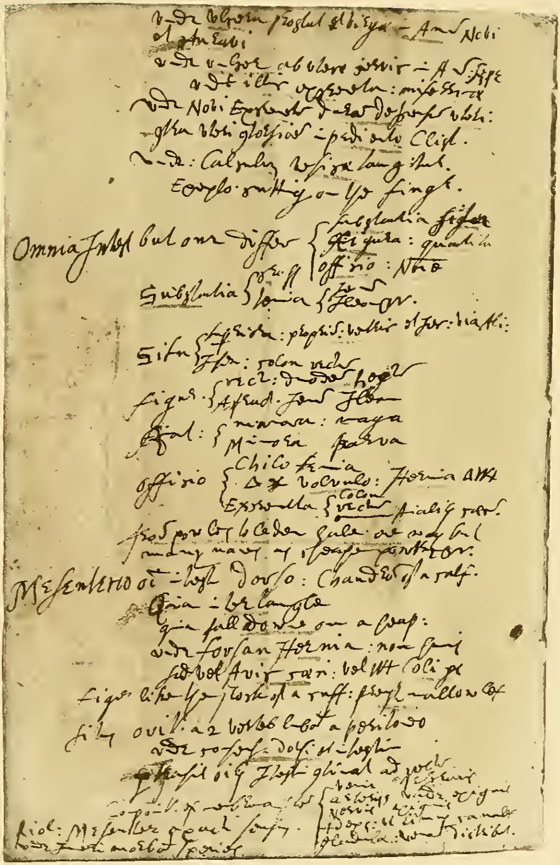
Carne Morosinlin exterior: Coli Appendix
gria ser. officio agitat: borias

Hor ilior plaga lar Nolar gralia: Ut papilla
gtal: Hoggnoxon Hare Butter: lay albar bolsir
Hor aliquando May: Sal: flotat. Aliquando nodio
Hir Sosaliu regula p filiad in apostiphial
Hf Hes. de gly postda fir landr libr.

Colon Garmafir Gut
Foilt A Caro ad lumbos pesos:
phos desse per dorsi coadit: fibrosi
phosi sunt tres et fell: gifaliquando cor
vdi fiebat bile bidi
vde fibr volsir: Carna
Faliquando iii dd A Ostra
sleba pesos ad Bed fist. oi Coadit.
vdd. Coffeyfir: dcadd Nephal
phesil hide vde fir Bugilny a flatis
Hirsgly involut. dolor oi in principio
dorsi ad lumbos pesil: periculoso
eigal: fro in alt. secto.

Tunicles Palan: Tdigit: Massa. 10 ped.
Via Colon fir pesos appardl
qd libr dorsi non pondor:
Exemplo: Cond Bullock: dick sledy cad
a edire Colir: ressir

Rectum recisum ~~[illegible]~~
oritur a filulo ossi sacri
desinit Ani
Coadit ossi sacro pericolo
Lub: bosir sub ubero: fogeoslal et ad pecis
vdir Coffey bosira oleoslal
vdir Hf dolor ab oroento Hflar geoslal
vdd: Gular: Hflnal Hfsl: Hsplia



vide librum Froglet el bisyx : Anat Nobi
Anatomici
vide v-Hod calculare intestin : A S. Fyfe
vide illis vexavola : misereria
vide Nobi Explanatio de lar defensor ulcli:
gfra ubi glossior : pedi ob Clist.
vide: Calculus vesica langitat.
Exemplo: putting on the finger.

Omnia Intest but one differ { substantia fistan / Figura : quantita / officio : Nota

Substantia { Gracile / Carnea { Tenuior.

Situs { superiora : propius : vollis et fer. diatt: / Infer : colon vecto

Figura { recta : duod. hogl / Anfract. Jeiu. Ileon

Aequal: { maiora : vaga / Minora : parva

officio { Chilo forma / Ad volvulo : Hernia Albt / Excretio { Colon / vecto } fecalis par.

fixed per long bleeden gale or way but
winding narrow as sheep's [illegible].

Mesenterio et intest dorso : Chandler of a ruff.
Omnia : be tangle
qui fall downe on a heap:
vide forsan Hernia : non [illegible]
sed vel Avis rari : vel Albt Coli ge
Figure like the folds of a ruff: fresh yellow [illegible]
Filly ovil: a 2 bottle both a positivo
vide rosofy: dox: et hoghi
[illegible] oig Jlost glical ad volv
Compound. of moles [illegible] { vena mesenterica / arteria venae origine / [illegible]
Fiol: Mesenterii grand [illegible] / [illegible] morbos [illegible] ; glandula : [illegible]

vnde vlcera proſtatarum et virgæ in Anum Novi
et curavi
vnde vulcera ab vteri Cervice in Anum ſæpe
vnde illinc excrementa : miſerrimæ
vnde Novi Excrementum durum deſcenſum vteri :
contra vteri Contorſionem impedimento Cliſteri
vnde : calculus veſicæ tangitur
Exemplo. cutting on the finger

Omnia Inteſtina but one differ
- ſubſtantia ſitu
- figura: quantitate
- officio: nomine

Subſtantia
- craſſa
- tenuis
  - Jeiunium
  - Ileon &c.

Situ
- ſuperiora : proprium ventriculi et Jecoris via Alimenti
- Inferiora : colon rectum

Figura
- recta : duodenum Rectum
- Anfracta : Jeiunium ileon

Quantitate
- maiora : magna
- Minora parva

Officio
- Chilo tenuia
- Δ × volvulo : Hernia Δ WH
- Excrementa
  - Colon
  - rectum
  - —Animalibus Cæcum

from Powles to leden hale one way but
many names as cheape powtry &c.

Meſenterio omni inteſtino dorſo : Chaudron of a calſ
Quia intertangle
quia fall downe on a heap :
vnde forſan Hernia : non huius
ſed vel Avicenna cæci : vel WH Coli pars
Figure like the ſtock of a ruff : frenſh mallow lef
ſitus oritur a 2 vertebra lumborum a peritoneo
vnde Conſenſus dorſi et inteſtinorum
pertranſit omnibus Inteſtinis Continuatum ad rectum

Componitur ex membrana Interna
- venis Meſeraicis
- arteriis valde exiguis
- Nervis exiguis
- Adeps : vt limus Canalis
- glandulæ : venarum diſtributæ

Riolanus : Meſenterium exactius ſenſus
vnde Innumeri morborum ſpecies.

Meſeraicæ Venæ — tanquam radices Arboris ad inteſtina Jecoris
ſingulis venis ſingula Arteria
vnde Queſtio an Arteriæ Chilum defferunt
Ad Inteſtina tenues alteram altero Junctam
tandem in portam

vnde porta Arboris hic Truncus hic ingreditur Jecur { Radices vt lobi 5 / Cima Jecoris / Rami Meſenterici deorſum

Arteriæ ſimiliter omnes in { Cæliacam / partem Meſentericam { ſuper ad / ſiniſtra dextra. / Infer :

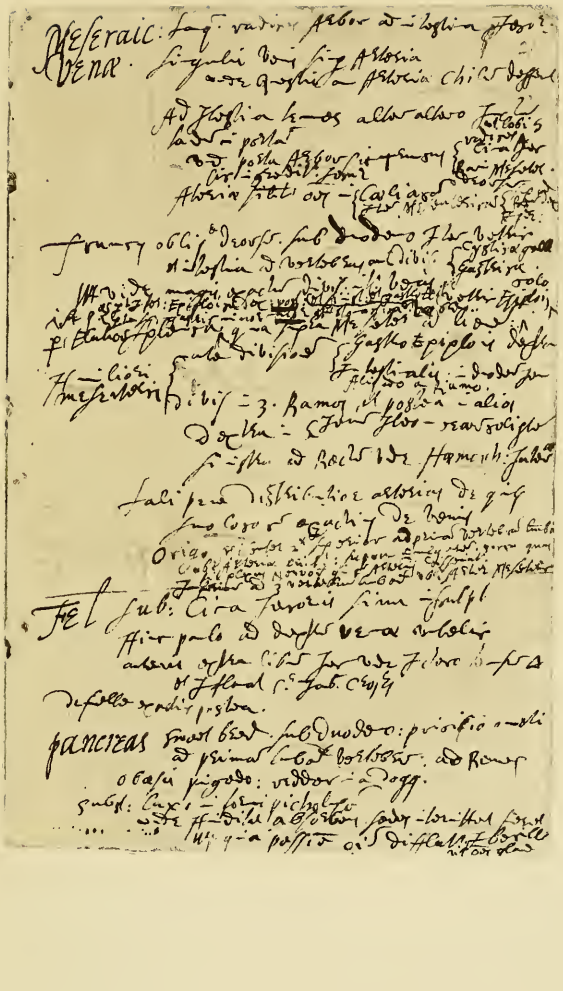
Truncus obliquus deorſum ſub duodeno Inter ventriculum
et inteſtina ad vertebras aut diviſiones { Cyſticæ "gaſtr." / Gaſtricæ

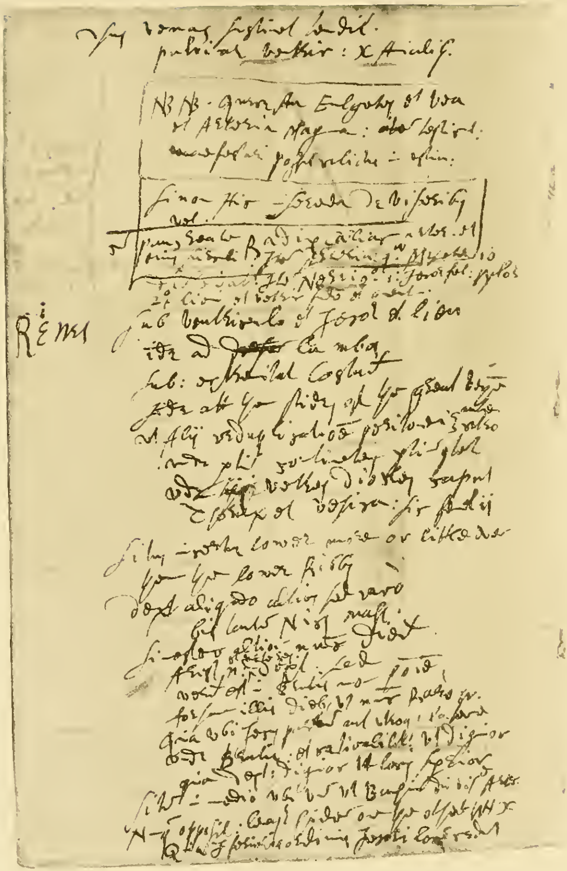
WH vide magis exactum diviſionem inter venas
pars elatior ſplenica ſimiliter quæ { partim Inteſtina Epiploica dextra poſt / partim ſyngaſtrica minor maior WH / ſtomachica et ſiniſtra et gaſtro Epiplois } quia ſupra Meſentericum
ad lienem ventric. Epiplois colo

Humiliori Meſenterici { ante diviſionem { Gaſtro Epiplois dextra / Inteſtinalis : in duodenum jeiunium / aliquando a Ramo.
diviſio in 3. Ramos et poſtea in alios
dextra in { Jeiunium Ileon ceacum coli partem
ſiniſtra ad Rectum vnde Hæmorhoides Internæ
tali pene diſtributione arterias de quibus
ſuo loco cum exactius de venis
Origo Miſenterii duplex ſuperior ad primam vertebram lumborum
ubi Arteriæ oriuntur: ſupra Emulgentes circa quas
fit plexus Nervorum qui cum Arteriis diſſeminatur
Inferior ad 3 vertebram lumborum ubi Arteriæ Meſentericæ

Fel ſub : Cima Jecoris ſinu inſculpto
Hinc paulo ad dextram venæ vmbelicalis
arteriæ extra lobum Jecoris vnde Icterо tenſum Δ
et inflammatio Sir James Croſby
de felle exactius poſtea.

Pancreas — ſweet bread. ſub duodeno: principio omenti
ad primam lumbarem vertebram : ad Renes
obœſis pinguedo : redder in a dogg.
ſubſtantia laxi informi Picholchomini
vnde Humiditas abſorbens. ſedes intermittent fever
WH quia peſſime omnino difflatur. Imbecillitate vt omnes glandulæ





vſus venas ſuſtinet tendit
pulvinar ventriculi : × Animalibus

NB NB. Quere An Emulgentes et vena
et Arteria Magna : " item " teſticuli
maneſeſtari poſſunt relictis inteſtinis

ſi non hic inſerenda de viſceribus
vel
cum pancreate Radix Cœliaci Arteriarum et
eius ſurculi : Item Arteria quæ Meſenterio
diſſeminatur Item Nervi 2°. 1 : Jecoris fellis pylori
2° lieni et ventriculi fundo et omenti

Renes ſub ventriculo et Jecore et liene
inde ad " dorſum " lumbos
ſub extremitate Coſtarum
inde att the ſides of the great veyne
vt Alij reduplicatione peritonei { ante / retro
vnde partim Continentes partim contenti
vnde iij ventres diocles caput
Thorax et veſica : ſic Fernelij

ſitus incertus lower more or little over
then the lower Ribbs
dextra aliquando altior ſed raro
bis tantum Nicholaus Maſſa
ſineſter altior nunc dierum
Ariſtoteles enim et veteres dextra ſed
verum eſt in Brutis non homine
forſan illis diebus vnus nunc raro &c.
Quia vbi Jecur parvum aut vtroque latere
vnde Brutis : et rationabiliter vt dignior
quia dextra dignior vt locus ſuperior
ſitum in medio vbi vnum vt Bauhin diviſione Arteriarum
Numquam oppoſitum : leaſt hinder one the other WH ×
Quia Inferioris ordinis Jecori locum cedunt

Quia vt macrocoſmo the weakeſt to the wall
Immo locum dant vt republica Inferiores
vnde Fernelius diſlocatos coſtas cordis palpitationes
vnde the obdurat ſcull venis
" Infra " pone they leye vpon ψωας venis crus flectent
vnde alij putent torpere crura Nephritis
W × puto Magis Conſenſum Renum cum ſpinali Medulla
Connectuntur omnibus partibus mediate peritoneis
Membranulis et Omenti
Cerebro et cordi hepati per vaſa veſicæ per Nervos

Vreteribus Conectuntur veſicæ : ſuper muſculos dictos
intra tunicas peritoneum
pertranſeunt hic os ſacrum et inde deorſum
in collum veſicæ

Veſica Cavitate oſſis ſacri et pubis et
vtrinque coxarum
vnde melius ſuſcipit exitum imo loco
ſuper rectum inteſtinum Muliebribus ſuper cervicem vteri
Intra tunicas peritonei
Conectitur oſſi pubis peritonei
vmbelico a fundo per vracon
paulo ſuperius oſſa pubis præcipue { Inflata / repleta
vnde dicuntur Muſculi pyramidales Comprimunt &c.
Quia compreſſum hic vrinæ excretioni ſuſcitatæ
Vnde aliqui hic fieri poſſe ſectionem Calculi
quod : WH × his rationibus 3bus

Quia vt magistrorum [illegible] lo[illegible]
Fo Cor dant bl vespul: [illegible]
[illegible]: dissolut, sodoq. cordis pulsu:
vde [illegible] obdurat solle vomis
[illegible] [illegible] vno [illegible] vas, rens flocdal
vde alij pstal [illegible] rena Nsphal
Wx polo agi gsof [illegible] of [illegible]
Co-dchal. oi plibus diabe posito dis
[illegible]

Ventr: Comstal. vesice: sup anfrolus dicto
ilka Linas positos
[illegible] [illegible] of [illegible] de [illegible]
Fo solles vesice

Vesica Cubitale offis sacri et pubis et
ischij Coxarum
vde [illegible] [illegible] [illegible]
sup. vesice ilosis Muliebris sup [illegible]
Ilka Linas positos
Co-dchal. offi pubis posito vi
vesicae a fundo ad vesicam
pando superiori offis pubis [illegible]
vde [illegible] [illegible]
Quia Coxarum lis vrinal [illegible]
Vnde alij lis fissi posse sed: Calculi
qt: Wx lis vehiciq [illegible]

1° g. in [illegible] [illegible] [illegible]
2° [illegible] fundo [illegible] non [illegible]
unde [illegible] Noland.
Quia [illegible] Norwosa
unde Collo Co[illegible] q. in Curnosa
et eo [illegible] q. magis Curnos.
unde. pabni et malibrey
quia [illegible] magis Norwos.
3° fundo q. [illegible] valorem. [illegible]
Co-[illegible] [illegible] [illegible] Nig Mass.
unde in para [illegible] [illegible]
3° [illegible] Norwos Cinda Alba non [illegible]
unde. [illegible] parte [illegible]
De [illegible] et Arbria Ab [illegible]
Herbos mag: a [illegible] parte unde [illegible]
Unde dy furia [illegible] [illegible]
q. [illegible] [illegible]
unde [illegible] [illegible]
Ab dolor appellat [illegible] [illegible]
unde [illegible] [illegible]
unde [illegible] Co-[illegible] [illegible] dolor [illegible]
[illegible] [illegible] [illegible]

1° quia effluxa vrina vesica subsidet
2° vesica fundo vulnerata non consolidat
vnde Aristoteles notavit.
Quia Membranosa nervosa
vnde Collo Consolidatur quia carnosa
et eo citius quo magis carnosa
vnde pueris et muliebribus
quia viris magis Nervosa
3° tendonibus musculorum vulneratis prava symptomata
Convulsiones dolores extremi Nicholaus Massa
vnde in paracentesi vitantur tendones
3° cum Nervos linea Alba non consolidat
vnde paracentesis parte carnosa
Venas et Arterias Ab Hippogastricis
Nervos magis a 6ti par vnde sensus exquisitissimus
vnde dysuria vel a calce; vetus vlcus
Quo nihil intollerabilius
vnde omnes mortem optant
NB dolor apparet media virga vel fine
vnde absectam mentulam cupiunt
vnde W Δ Compressus in perineo dolor cessat
licet causa prostatarum

Spermatica dextra vena Infra Emulgentis exortum
oritur A trunco venæ cavæ parte ſuperiori et
Anteriori ſede ab longo tubere craſſiuſculo
Cui ab Emulgente aliquando ſurculis Galen
ſiniſtra Ad evitandum Aortæ motum ab Emulgente
parte Inferiori
vnde a dextro mares a ſiniſtro fœminas
quia magis excoctum perfectiorem functionem
WH × ſed quia Arteriæ non ab Emulgente
nec quia minus concoctus ſanguis Emulgentis
forſan quia latus perfectior dextra

NB WH ſed de exactius poſtea : ſufficit iam dicere

---

hic ſunt hic intra tunicas progrediuntur
o[b]lique on this Ridge Hic pertranſeunt vreteres
Hic cum Nervulo 6ti paris et Cremaſtere
deſcendunt teſtibus exeuntes e ventre
Inde reflexa eodem tramite
deferentia hic Ingrediuntur ventrem
hic deſcendunt in Inferiori parte veſicæ
ad proſtatas terminantur.

Hactenus de ſitu de reliquis poſtea
Quantitas ventris a quantitate { pinguedinis et viſcerum } contenta

Hippocrates ſectio 3 de Articulis
Homo pro magnitudine
ventrem Anguſtiſſimum
WH a man tier a
horſe citius refectus

vnde Ariſtoteles quibus multum carnis et venæ arctiores
et obſcuræ viſcera parva venter item parvus.
ſignum ex ore : et diſtant ab vmbelico Inferiori longe
figura : Natura non videtur ſollicita de figura
Aparent longis Animalibus omnia longiora
vt Anguillis ſtote ſerpent
Rotundis rotunda vt Rhombus plays ſoals crabbs
NB NB Hic annotanda 2æ diviſiones Abdominis
pericula vulnerum regione { gaſtrica / Epigaſtrica

Sperualis Dex: Vna Ipsius E[lizabethe] dexter
osculat Frenos vna cum ipso posteriori et
anteriori, sed absque [illegible] suffinxerit
Cui ab E[lizabeth] aliquido [illegible] Gal.
Sinistra Ad ebitad Hostia et ab E[lizabeth]
plus Ipsius 23

Vide. a dexto maxy a sinist. [illegible]
quia magis opposita [illegible]
Hic [illegible] quia [illegible] nos ab E[lizabeth]
non quia mius [illegible] E[lizabeth]
[illegible] quia [illegible] Ipsius dexl.

NB Hic de [illegible] posita: [illegible]

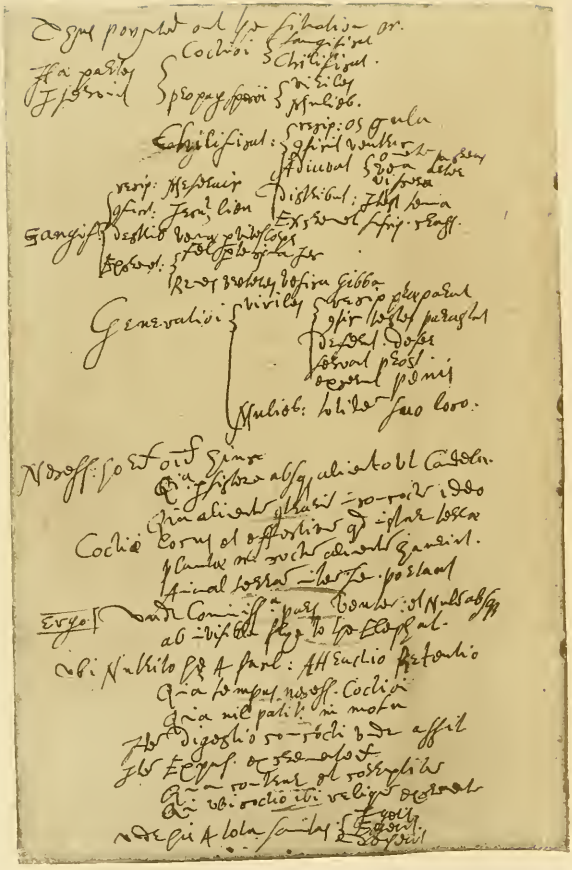
Hic [illegible]
oliquo [illegible]

Hic [illegible] Nerulo [illegible] et [illegible]
[illegible] longis [illegible]

[illegible] vestis eodem [illegible]
[illegible] Hic [illegible]
Hic [illegible] Ipsius [illegible]
ad [illegible]

De situ de [illegible] posita
[illegible] quantitate [illegible]
Hipo: [illegible] [illegible] quia [illegible] et [illegible]
Trono [illegible] [illegible]
Hic [illegible] [illegible]
[illegible] Vltra [illegible] de [illegible]
Apud [illegible]
[illegible]

NB Hic [illegible] posita [illegible]



Thus poynted out the ſituation &c.

Hæ partes Inſerviunt
- Coctioni
  - ſanguificate
  - chilificate
- propagationi ſpeciei
  - viriles
  - Muliebres

Chilificationi
- recipiunt os gula
- conficiunt ventriculi
- Adiuvat
  - omentum pancreas
  - vena arteria
  - viſcera
- diſtributa Inteſtina tenuia
- Excrementa ſuſcipit craſſa

Sanguificationi
- recipit Meſeraica
- conficit Jecur lien
- deſtributa vena per vires Corporis
- Excrementa
  - Fel parte ſpina Jecur
  - Renes vreteres veſica Gibba

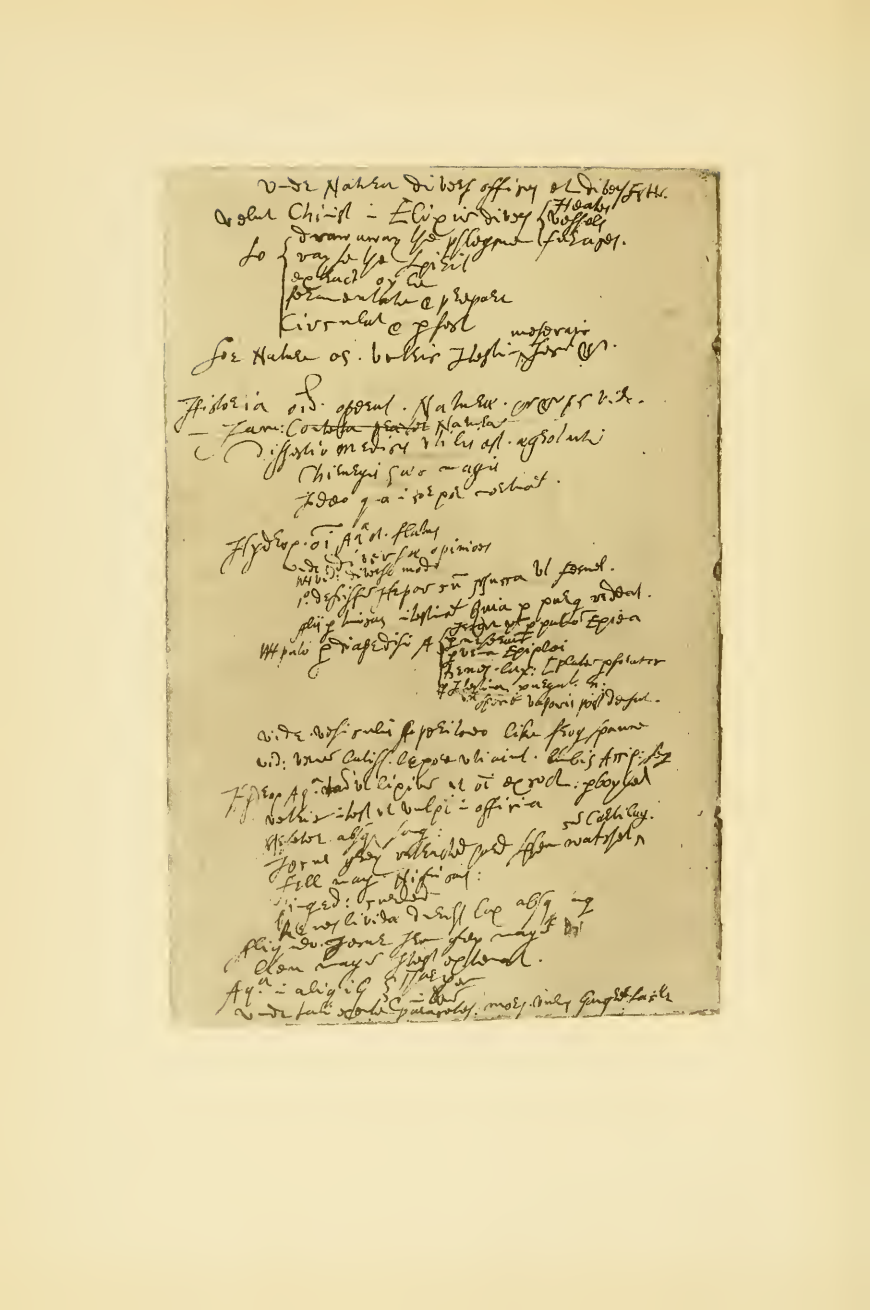
Generationi
- viriles
  - recipiunt præparant
  - conficiunt teſtes paraſtatas
  - deferunt deferentia
  - ſervant proſtatas
  - excernunt penis
- Muliebres totidem ſuo loco

Neceſſitas horum omnium hinc
Quia perſiſtere abſque alimento vt Candela
Quia alimentum contrarium inconcoctum ideo
Coctionis locus et effectivum quod inſtar terræ
plantæ enim coctum alimentum hauriunt.
Animalia terram inter ſe portant
ergo. vnde Communiſſima pars venter : et nullum abſque
ab inviſible flye to the Elephant.
vbi Nutrite hæ quatuor facultates Attractio Retentio
Quia tempus neceſſe Coctioni
Quia nil patitur in motu
Item digeſtio concocti vnde aſſit
Item Expulſio excrementorum
Quia contrarium et corruptivum
Qua vbi coctio ibi reliquum excrementum
vnde his quatuor tota ſanitas
- Ingerit
- Egerit
- Degerit

Cum hæ quatuor facultates cum tempore et ratione eorum quæ
attrahenda concoquenda retinenda excernenda
Neceſſe his ſingulis functionibus diverſis
diverſas partes natura conſtituat
Quia eadem pars eodem tempore omnia aut
aliqua cum ſint contraria facere ſit Impoſſibile
vnde omnibus Animalibus 1° Neceſſaria locus Ingreſſus os
2° Egreſſus viz Anus "et" oppoſitæ et diverſæ
Quia oppoſitæ
deinde Quoniam retentio eodem tempore. Cocti
vt nutriat non cocti vt concoquatur
et Excrementi vt ſponte expellatur eodem loco
ſit Inconveniens Impoſſibilis conſenſus
Natura vero perfecta diſtincta quod melius
et hac tria ſic ſunt vt ſucceſſive ordine differunt
vt confundi non poſſunt
Ideo Naturæ partes ſucceſſivas diverſas
Coctioni vel retentioni dum concoquuntur { ventriculus, Jecur, lien
Receptaculum jam cocti ad deſtributionem { Inteſtina tenuia, venæ arteriæ
Excrementi Colon rectum : veſica &c.
Quia : quod dicitur de prima concoctione
et de ſecunda.
iij vero concoctiones Animalia enim Honorabillia perfectiora
perfectiori cibo : perfectiori vero plura requiruntur
Ita Coctioni more refining more dilligent
Quod divers places diverſis caloribus. ſic.

Cap. 4. Fuit: 5. Propter ordinem eorum quæ
attinguda sunt veniendi. Ordinem
Notissimi singuli fidelis diversi
diversas partes naturæ gestitant
Quia eadem pars eorum propter ora aut
aliquid 5 fuit quod fuerit Hesiodus:
Vnde ois fidelis 1. Nosse Corum Hesiod os
2. Egnosse. Vi A. et opposita ordinem
Quia opposita
4 Ordo Quoniam vitatio eorum propter. Cochi
vel Natura Nor rochi vel sorogall.
vel Ecoreali vel spon. et expollat: eorum
fil Fon. ordo Hesiodi: quod
Natura. 1. perita distinctam
vel 3. fuit vel suppositum ordinem disper
vel Confundi non possunt
Idem Natura pluy suppositum diversas
Cochi. } Fonte
vel Cochi. } Fluen
vel Sorogall.
Rezoplanet } Hydria Lunia
Pastoli
ad Dogtubulo. Nona Astor.

Exterali Colon vectis: Vosiria or.
Quia: quod dicit: de gina sorochior
vel de 2.
5 ut bono sorochior. filia n: Homo habitat pertior
pertior 80: pertior vero plura vegetat
Ita Cochi: autem vasing amor diligen
Quod diversi plures diversi salcitur. sin



vnde Natura divers offices et divers Inſtruments

velut Chimiſtria in Elixir divers { Heates / veſſells / furnaces }

to { draw away the phlegme / rayſe the ſpirit / extract oyle / fermentate and prepare / circulate and perfect }

ſoe Nature os ventriculus Inteſtina meſeraica Jecur &c.

Hiſtoria omnium operationum Naturæ &c. &c. p. 5 vide

Jam: contenta præter Naturam

diſſectio medicis vtilis eſt. ægrotantium

Chirurgis hæc magis

Ideo quæ in Corpore mortuorum

Hydropiſi omni Aquæ et flatus

vnde diverſæ opiniones

WH vid: diverſo modo

1° deſciſſum Hepar cum Mucca vt Fernelius

Alij per tunicas inteſtinorum Quia per purgationem redeat

WH puto pro diapediſi A { Jecoris parte per pulmonem empiema / per meſeraicam / per venam Epiploi / Renes laxæ [Platerus perforator / per Inteſtina purgant enim / vel ſpeciem vaporis poſt denſationem }

vide veſiculis A peritoneo like frog ſpaune

vid: venam latiſſimam lepore vti aiunt. lumbis Accip: ſemper

Hydropiſis Aqua vt lixivum vt omni excoctione parboyled

ventriculus inteſtina vt vulpi in officina

Meſenterium abſque ſanguine

Jecur grey retracted hard ſplen watchet cum Cartilagine

fell magnum Nigricans

pinguedo curded

Renes lividæ duriſſimæ laxæ abſque ſanguine

Aliquando Jecur Iron grey magnum

lien magnum Inteſtina extenuata

Aqua in aliquibus { ſharper / and milder }

vnde tali exeunte paracenteſis mors vulnus gangren facile

tantam varietatem vidi vt facile crediderim
potius Jecoris Corruptionem ex Hydropifi fieri quam contra
ficut in Hydropifi quam Scorbito aliquibus faltem
Ex erroribus enim in victu Cachochimia qua perfeverante chachexia
a qua vifcerum Corruptio
Timpanitem
vide ante "Hydropen" vt diabetica paffio Calidos
fitibundos fomnolenti. fpumans faliva one month
before "vnde"
vnde Diabetes Hydrops matulæ et
Huiufmodi Timpanitem curavi refrigeratione
et lenientibus poft alia in caffum
vt Arabes lacte chameli
Soe y^t this difeafe beginning in manner Timpanitis vc[l] Afcitis
they by much drinking fill their body which
the kidnes not avoyding
ex Alimento multiplicant fe ipfum
tandem etiam "folidæ" carnofæ particulæ colliquuntur
et in aquam vertuntur abfumuntur
et vt plurimum obfervavi quamdiu aliquid Jecoris
remanet vivunt nec moriuntur
Preterea all thes decay fimul proportionabiliter
perdurante Hydrope
preterea vide abfumptum Jecur abfque Hydrope
WH vidi ex abfciffu ad cornua vteri per diabrofin
omnem fanguinem in capacitatem Abdominis effluxum

fontes variolarum vidi vel facile crediderim 25
pollicis fovorum cor[illegible] ex Hydrope sitis quod contra
simul in Hydrope quod providentia diligit. saliva
Ec erronis n: lin vidi Carhorsi in quod [illegible] obstructio
aq.^a bibere recept.

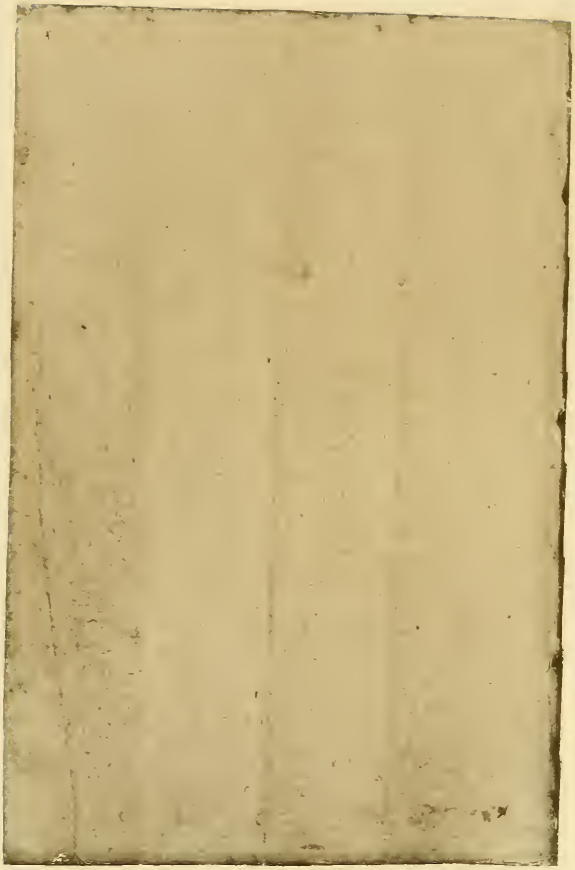
vide alio ~~[illegible]~~ [illegible] vel diabolica pass. Calidos
sitibundos [illegible] spumosa saliva and mouth
Apere ~~[illegible]~~
unde Diabolus Hydrops malus et
Huiusmodi in [illegible] [illegible] [illegible]
et [illegible] post alia in [illegible]
at [illegible]. lucha Chandli—

Soe yf this disease beginning in [illegible] tip: [illegible]
they by must drinke fill the body [illegible]
the kidnys not above
ex alimento multiplicat [illegible] ipse
tanto [illegible] ~~[illegible]~~ [illegible] . [illegible] colliquat.
et in aq.^a vertit. ab [illegible]
et [illegible] pluries obseruabi [illegible] aliquid [illegible]
[illegible] vivunt non [illegible].

prolonga all their dayes simul proportionabilit.^e
[illegible] Hydropos

probo vide absque [illegible] absque Hydrope

W. H. vidi ex abscessu ad renem ubi per diam brevem
[illegible] sang.^s in capacitate [illegible] [illegible]



Inteſtinorum vſus alimentum coctum retinere
dum A Meſeraicis extrahatur
Coctionem perficere in reliquo excremento
Quia Alimentum os ingreſſum ſtatim mutari incipiens
perpetuò alteratur vſque dum exit per Anum
Ibi vero magis
vbi aut diutius moratur
vt locis concluſis
vbi locus calidior
carnoſior
vel vicinitate
partium calidarum Jecoris
quæ coctioni promovent
piper enim intus
fomenta foras
vnde non ſolum tenuia ſed craſſa magis
Colon præ ceteris craſſitie materiæ mora
et vicinitate Jecoris omenti: lienis
vnde Cliſter iniectus Nutritius

Figura
Non lacuna ſed inteſtinis tanquam rivulis Alimentum Coctum
1° Ne putreſcat: "2°"
2° Ne per exteriorem tantam partem venæ exſuperet
Non ex intimo quod frequenti obvolutione et
protruſione exterius venarum orificijs obijcitur
quod prius intus erat.
Craſſa et tenuia quibuſdam animalibus non omnibus weeſel
phoca avibus omnibus vnius generis
Craſſa vero quia vt concoquunt cum aliquod Nutrimenti vſque remanet
Quia excrementum durum et flatus detinent
vnde quibus non eſt Colon nullis crepitus ventris
Ariſtoteles Avibus nullis excepto turture
Attamen ineſt paſtinacis qui non crepitum viz.
laxum inteſtinum et carnoſum quo abutuntur pro
pro altero ventriculo

Tabes in Oculis aliquando Cocles ulcera
et Astheniae oculorum.

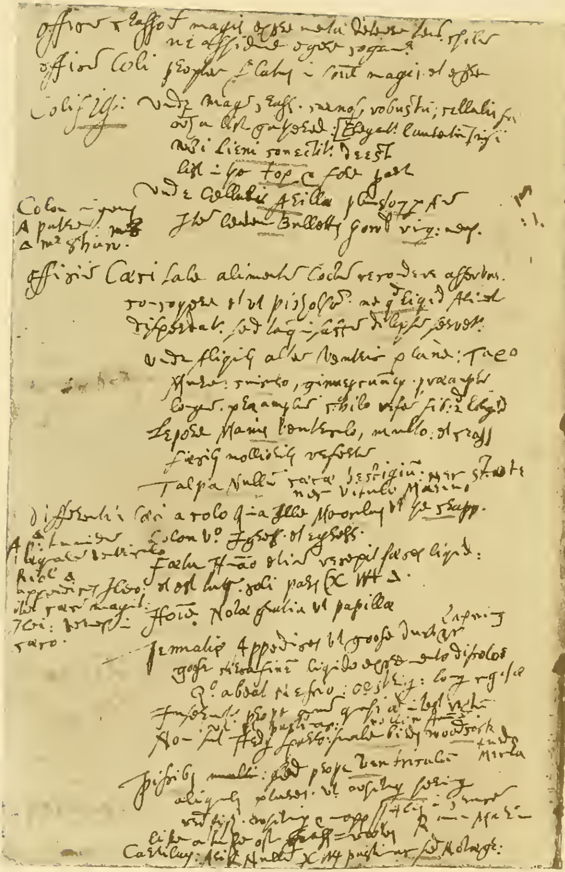
Cocliorum per priscos in religione observato

Quia filium ex ignoto patre natum virginem
corporis abstraxit. Vnde dicit per Ant
Fabi. magistrum. Cocles ro-elipsis
Cocliorum ro-elipsis
Calidius Praenomen
Vel Virginalem.
per Cul. Pat
Quae sacra per Cocles
pipdr. in
per ora Praeg

Vnde non solum Lemnia sed Praeg magis
Colon pius rotatis Praefectus malorum ora
et viri illata Tyrrhenum moenia Colonis
unde Clifer Tarchy Nullit:

figura Cocles
Non loquina sed ibi lingua vivens fluit
1° Nepulchral: 2°
2° Nep exterior Tabes pa Vora dogng.
Non die filio q. pag. ili obtulit ae et
Protrahit ossibus vorat oculis obiect
et prin ilm oral.

Crassa et lenia quibus aut nos vel
phora alibi sit vigorem
Crassi. quia et ro-oyal ro aliqd Nullit. ipsi
quia Extrad duct et flatu deliral
unde qui non et Colon nulli Crassi Nullit
Aedis Alibi Nullis Corpo fuisse
Atti ex passiones qui Non Respit. vij.
Lapis lapidis Tetraemosis q. abrupit
et debro vel ilio



Officium craſſorum magis excrementa detenere tenuium chilum
ne aſſidue egere cogamur
Officium coli propter flatus in homine magis et excrementum
Coli figura vnde magnum craſſum carnoſum robuſtum cellulis ſrequens
which a liſt gathered: [Eleganter Laurentius] niſi
vbi lieni conectitur deeſt
liſt in the top and fore part
vnde cellulis Arillæ plumſtons per Anum
Item leaden Bulletts gowld ring: meus

Colon ingens
A patre "Mr."
Δ Mr. Shaw

Officium Cæci tale alimentum coctum recondere aſervare
concoquere et vt Picholhomini ne quid liquidi Alimenti
diſperdatur ſed tanquam in ſuccum dilapſum ſervetur
vnde Aliquibus alter ventriculus plane Taxo
mure cuniculo ginneycunney præamplum
longum præamplum chilo refertum fibroſum ſecundum longitudinem
lepore maius ventriculo multo et craſſo
fæcibus mollioribus refertum
Talpa Nullum cæcæ veſtigium nec ſtote
nec vitulo Marino
Differentia Cæci a colo Quia ille Monoculus vt the crapp
Colon vero Ingreſſus et egreſſus

Apoſtema tumidum
æquale ventriculo
Riolanus Δ
appendices Ileo
nec cæcum magnitudine
Ilei: vermes in
Cæco

Fœtu humano etiam recepit fæces liquidas
et eſt tanquam coli pars (× WH Δ
Homine Notæ gratia vt papillæ
Pennatis appendices vt gooſe duck lapwing &c.
gooſe circa finem liquido excremento diſcoloratum
Quo abeat neſcio œſtrig: longæ rugoſæ
Inſeruntur prope anum quaſi ad inteſtinum rectum
vt et paſtunaca yellow Ammer
Non ſunt Hedg ſparro ſmale birds woodcock
turdo
merula
Piſcibus "multi" ſed prope ventriculum
aliquibus plures vt whiting hering
red fiſh whiting and mopp Alij in crucem
Rana marina
like a tuffe of graſs-rootes
Cartilago Ariſtoteles nullum × WH paſtinaca ſed notæ gratia

Valvula: Alij affirmant alij Negant
WH Δ Inflat non pertranſit vt videtis
Aqua inmiſſa pertranſit aliquando "aliquando" vt plurimum quantitate
pertranſiſſe Δ in vivis et aliquando mortuis { in corpore / extra corpus / facilius
Quia cliſter reddit per os
etiam ſuppoſitum aligat filo cruribus

vſus: Ne retro
et quia colon inde
ſurſum et quia flatus

WH Hæc rara vt plurimum nec { liquor / flatus
neque vivis neque mortuis
WH Qui dicunt vt Sal: Alb: ineſſe membranam
quæ occluderet Meatum vt in venis ×
Qui negant Impedimentum ſibimet ×
Quia interior tunica Ilij corrugata
quaſi valvula obſtruit vt Henſ=ars

NB WH De quantitate vid: Ante quæ in ſitu Ilij
Quantitas Capacitas proportionalis ventriculis et Corpori
et contra Corpus Inteſtinis
vnde dwarfing of dogg with daſy rootes
as trees in potts: dwarf: cherry.
Motus vt detenent ita deſtribuunt deturbant.
pars inferior rectis fibris ſe apperit
ſuperior tranſverſa deſuper contrahit
vt the pudding wifes hand
Exemplum Motus in "teſtudine" limacibus et "lobſters" Hyrudines
motu vndoſo vt vermes
vnde mica Cocleæ Impoſita movetur
vt whip: in the water vndatio: panno
omnibus partibus modo fixis modo mobiles
Apparet hawke putts over her meate
crapp turning vpon the giſerd erecte itſelfe
Item a dog: by the fier: cunny in y^e ſunn
Recto Inteſtino quod ſic deſcendit vt tactu percipiendum.
ſepe Impeditur iniecto Cliſtere { vnde Aperitur / perſpiracione

Valvula: Alii affirmant Alii negant.

Wt Δ Istud non plenum est vel vi doloris

Aq. Ipsa plenum: aliquando ~~[illegible]~~ gl.

plenum Δ vitii: et aliquid ~~[illegible]~~ [illegible]

Quia relinquit vestit. ℞ os

Nq: Ne vitio [illegible] aliquid filo [illegible]

Quia rotam [illegible] Wt Haec vasa: Ut [illegible] non [illegible]

Sicut. Nq. fluxu. neque vitii neque morbis

Wt Qui dicit vel salitate: [illegible] [illegible]

q. [illegible] vel [illegible] X

Qui Negat Ipsum [illegible] X

Quia [illegible] [illegible] [illegible] Valvula [illegible] vel [illegible]

Wt De gallinulis vid: Aliter q. [illegible] Ilii

Quantitas Capacitas, apostolorum [illegible] et corporis

et glutu corpus [illegible]

[illegible] [illegible] [illegible] [illegible]

as [illegible] [illegible] [illegible]

Motus vel dolorem ita de [illegible] et [illegible].

qui [illegible] vertit sibi se apposit

superior [illegible] de sup. glutu il

et [illegible] [illegible] [illegible]

Ecclesia. Motus [illegible] [illegible] et [illegible]

motu [illegible] vel [illegible]

[illegible] mira [illegible] [illegible]

vel [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

Apostol [illegible] [illegible]

[illegible] [illegible] [illegible]

Ihs ad [illegible] [illegible] [illegible]

Reclu [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

Tebra mohy glabri sinorum Breed

Bed: Longus 2 digitus gluti: esophagus

Francisci: gluti Clavicula

Oblig: Longus morsu dolorat: musculi

glutiendos apponit dex branchij cord.

glutiendos

Recta Vena Cassiorum magni Thori vocat hepatis

ad vertir digitula Thoris y Thymini dolorig.

pancreatis y est partes recta tibia sinistra

pleuritis colo magno id. Rectio.

Transversa fodere in vertir digitula

gluti Thori. Medio

Oblig. a b. mulierum.

Dig. ofuli S. Corbod: vel Euchiri. pleuritis rectio

Ad Alipedia usq; ad non Jecori vertir:

ner mors sanat Non J mede subtilis:

vel palati: mobilis vox non spiritus: simple

vel filius vocis vocis

vel Tallop: dicit ad Arteria: ostiolum

vel: de ilia ad Ne: lib: pei lagkobey.

Thori de Arteria vel ad funiculi

vel de Arteria vel ad vocis duplice.

vel ~~Alimentum~~ ad vocis ~~duplice~~ ~~spiritus~~ vel lodo.

Ad omnes digitus de visibilis spiritus vel lodo.

Tandem Pecus ad Epidel: Apparatus:

vel oculos: Marsolos vipera.

vel oculos: Marsolos vipera.

vel ad Ad: pecus gland: ossa pedis & fi: ilicis

Jecoris Thori: pedes digitus & divisa. Gutta

Ad: Marsolis Brevis & appetit.

Ag: in Tenio vel pulsus: in Spina.

Ag: Malum pictorum. Jejunitas: Deliciae.

deprivatio Jecoris pedum vel oculi vel:

Fibræ motus gratia ſinewes threeds

Rectæ { Longæ ſecundum longitudinem contractæ aperientes
Tranſverſæ contractæ coarctantes

Obliquæ tonico motu detenentes non ſinunt
quia rectos apperiri nec tranſverſos coarctari
contractos Fallopius

Rectæ fibræ conſpicuæ magis Inteſtino recto et ventriculo
ſed ventriculus et gula Interius Inteſtinis exterius
paucæ tenuibus (quia magis detenent) Bauhin firmant
tranſverſas vt in partes recte citiore tranſverſæ
plures Colo maxime Recto.

Tranſverſæ foras in ventriculo et gula
contra Inteſtina Medio
Obliquæ vero internæ
dignoſcuntur ſectione retractiones præcipue coctio
omni dilligentia vſus WH non inveni ventriculum
nec more coates then I made
vnde putavi membranam venæ non ſtramen et ſubtegmen
ſed vt ſilke=worms webb and ſpiders : ſnayle
vnde Fallopius dicit eadem Membrana omnes fibræ
vnde : de ſitu et Numero fibrarum Magna Controverſia
Item de Membranarum et tunicarum
vnde " Rondeletius " Laurens omnes membranæ duplices
WH multiplices diviſibiles in Infinitum vt tendo
Tamen in tripes tam Evidenter Apparent
vt exiguos Muſculos referent

vnde WH in prima Conformatione oſſa caro &c. ſimilares
ſic Inteſtina poſtea Aliquibus diviſa perfecta
Quod in Muſculis Brachij apparet
quod in cranio et cute in ſpica
vnde Natura pictorem imitante : delineationem
et proiectionem facit poſtea concoquit colorat :

Tunicæ iij A triplici fibrarum genere { 1 a peritoneo × WH 2as proprioris

Externa levis tenuis vt diſtendi a peritoneo
ſed gula Carnoſius vt Aparet in ye Butcher
vnde Rotundus Muſculus
Media Carnoſa ex parenchyma Inteſtinorum
Interna durior ventriculo propter Cibaria Inteſtinis carnoſis
like vnſhorne velvet cum cruſta { Hæc omni fibrarum genere dotata præpollent WH quia undiquaque fiſſiles
Brutis Honycomb

Mucca Inteſtinorum ramenta: cœnoſa pinguedo
Aparet teneſmo, et Cliſtero Acribus et fluxis
Interiore tunica reduplicata plicis operit Meſeraicas
cum tomentis et cruſta Mucca
Hooping the gutts:
vnde His exeſis levitas Inteſtinorum
exulceratis dyſenteria { deſcenſu humorum a meſeraicis
plicæ deorſum vnde ciborum tranſitus deorſum
ſurſum vero agaynſt the heare
vnde vitium horum vomitus Cliſter
ſed in gula Interna tunica abſque plicis &c.
vnde Hinc inde eque pertranſit
vt Apparet ruminantibus

Compoſitio Inteſtina ergo ex { Tunicis hæ ex fibris carne parenchemate venis arteriis meſeraicis Mucca: cruſta pinguedine

Subſtantia vt cutis ſimillima partim carnoſa partim nervea
vnde tanquam cutis per interiora continuatur
vnde conſenſus cuti in frigore Colici
vnde ſapor Cliſteri in ore
Alij craſſiora Carnoſiora Alij tenues diaphanoſæ
vt gutts in the ſhopp wett partchment
Iilli melius concoquunt carnem enim concoquunt
Hi deterius vnde valetudinarii flatulenti

28

Compos.

Substan

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

vnde Illi vulneribus curandum
quia carnoſa melius conſolidatur
vnde Galen vulnus fundo ventriculi conſolidatur
et cibaria fundo melius concoquuntur
Quia carnoſior quod × Veſſalius Columbus
Illis vt quibus mucca multa et pinguedo
Errores facilius Errores ferunt drink : ſurfeits
vnde facilius medicationes ferunt
vnde niſi vita vtuntur detergente
limus Mucca et pinguedine vt canales limo
et cadit appetitus
Contra His quibus macelinti tenues abſque mucca
vel aqua vice muccaginis: ſenſetive
ab omnibus cito leduntur acribus ſalſis &c.
quia velliſcant
drink vnde citius vomunt quam inebriari poſſunt.
vinum enim his pungit vt alijs Jeiuno ventriculo
contra alijs lenit et prohibet aſcenſionem vaporis fatt pott
purge Hinc dum ſcatent humoribus vel mucca
A purgationibus Jocundi
Contra abſumpta mucca per 3 dies ante generationem
ſickiſh windye
Quia ſiccant cibaria ore abſque pituita
Hinc venter faciei reſpondens
facies extenuata valetudinarii
valetudo ex ex omni cibario alterationem ſentiunt
facie quia et flatus multo colligunt propter Amplitudinem
Item generant et expellere nequeunt propter Imbecillitatem

Obſervationes vermes vbi ſed præcipue fine Coli
noething ſoe comon as wormes fiſh mawes
flatus et Colick
WH non omnis Colica a flatu
Quia flatu diſtentio tumoribus ventris abſque dolore
et dolor abſque diſtentione et tumore ventris
a materia mordicante pungente "et flatus"
et flatus ſuſcitante
Inflammationes Inteſtini aut calidæ venas amplas diſtentas
Colore puniceo nigricante
Craſſiores tunicis Cavitate tamen Minores
Contra frigidæ Albæ lividæ cum flatibus abſque ſanguine
Humidæ relaxatæ wett partchment or lether
flatulentæ Exemplo cattle going to graſs.
Equo looſe belly fundament ſwabby: gutts croake
and wallop
Aliquibus magis frigidæ quam humidæ tardas digeſtiones
Quia obſtructæ Muccæ copia et ſenſus defectus
Omnes iſti vt equi ſaynt and without ſpirit
WH vnde licet morbis conducit alvus liquida
obeſt. ſanitate inervat enim

Contra Sicca abſque carne: abſque Mucca: tranſparent
tenues flatulenti
vnde prope mortem ſubtus Inflantur et Moriuntur
niſi vt aliquibus ſphacelati lividi nigri
Tormina deteriora ex obſtructione tenuium Miſerere mei
fluxibus humoribus vel hic generatis deſcendentibus
mordicantibus exulcerantibus.
materia aduſta venenata: Canceroſa mali moris
WH vidi tanquam apthæ
WH Ratt: poyſoned: vitro: long ſcratches inflamed
WH Curteſan padoa moals eaten ventriculo

Obstipatio: [illegible] fit [illegible] sine colicis
[illegible] flatus et colica
29
Ut non sit colica sine flatu.
Quia flatus dispositus: [illegible] aliquis dolor
et dolor aliquis dispositus, et [illegible]
a materia [illegible] [illegible] et flatus [illegible]

Inflatio Inflatio, aut ventosa: [illegible] a [illegible] digestionis
colica [illegible]
Crassitudo [illegible] cum [illegible]
— ventosa [illegible]: [illegible] et flatus aliquis [illegible]
— Humidus vel aqueus: [illegible] partis [illegible] et aliquis
flatulentus: [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
Crassitudo
— Aliquis [illegible] [illegible] [illegible] digestionis
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
Ut [illegible] morbus [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

Ventosa Sicca aliquis [illegible] et Humida: [illegible]
[illegible] flatulentus:
[illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

Tolmin dubia de [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
Colica [illegible] [illegible]: [illegible] [illegible]
Ut [illegible] [illegible] [illegible]
Ut [illegible] [illegible] [illegible]
Ut [illegible] [illegible] [illegible] [illegible] [illegible]

Coiliæ Actio Chilificatio: &c into a pappy ſubſtance
vnde cum ex chilo ſanguis ſamulari dividitur Jecori
Facultates quatuor to attract coctum expell &c.
Attract apparet: fame præ nauſea arripit
contra nauſea reiecit taking of a purge
Coctio opus naturæ vel Calidi inati
vnde × Animalia ventriculum concoquunt
WH potius homo ventriculum
Quia Jecur lien omentum vena cava renes
etiam fomenta vt Catellarum
vnde Catus vetuli: David puella
vnde catt a witch quia petit
to yeong poeple.
Hinc Ariſtoteles veteres colligunt quod calor non
neque Aqua calida
propter tenuitatem caloris penetrari interius
Retentio wherby it cloſely imbraceth. &c.
equally maſhed and grownd with the drinke
quod cum non facit propter flatum fit Clydon as horſes
vel propter ſupernaturale cibarium vnde vomitus abſque potu
et vomitus billis pituita vt pueris abſque cibo
vnde omnia ſtomachica conſtringentia

Coctio
Chilificatio
Coctio prima
ventriculi { quantitas / Figura

Coctio quid ſit: apud authoris confuſionem plena difficillitatibus
Alij Colliquationem alij atteri et cominui et
a ſingulis partibus proprium attrahi
Alij putredine quadam fermentari
Alij deſtillatam per deſcenſum vel retortionem
WH Omnes partim bene dixerunt partim male, quia
aliquod non totum non ipſum
Quare philoſophi (philoſophica enim diſceptatio)
Coctio mutatio totius ſubſtantie cum generatione et corruptione
Quia ex cibo et potu miſtis chilus et ſanguis
Chilus eſt hoc

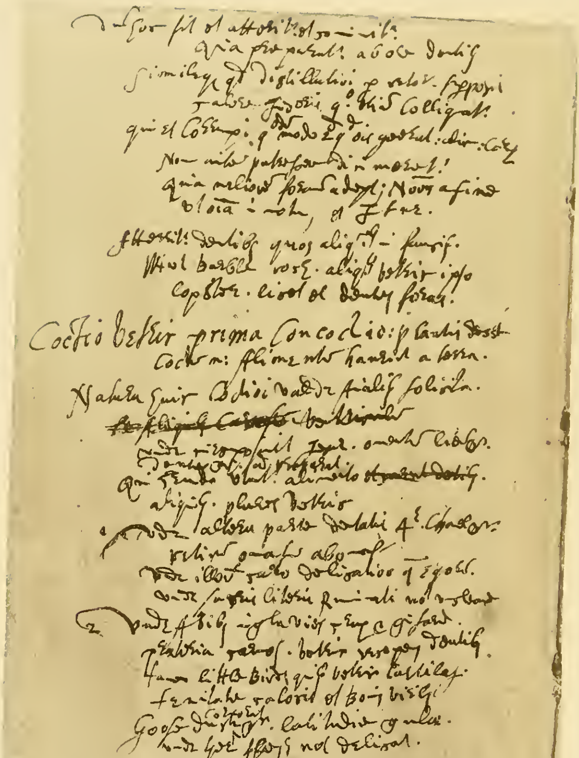
Coilia Actio Chilifigulio

30

Cochio primo

Cochio qd fil:

Chi



dum hoc fit et atteritur et cominuitur
Quia preparatur ab ore dentibus
fimileque quod diſtillationi per retortum ſuppoſitum
calore jecoris quo etiam colliquantur
qui et corrumpi quodam modo ſecundum quod omnis generata colica corrumpit
non ante putreſcere dici meretur
Quia meliorem foramen adeptus Nomen a fine
vt omnia in motu et Itura.
Atteritur dentibus quos aliquibus in faucibus
WH vt Barble roch aliquibus ventriculo ipſo
lopſter. licet et dentes foras.

Coctio ventriculi prima Concoctio: plantis deeſt
Coctum enim alimentum hauriunt a terra.
Natura huic Coctioni valde Animalibus ſolicita.
" Aliquibus Carnoſum ventriculum "
vnde circumpoſuit Jecur. omentum lien &c.
dentes &c. ad preparationem
Qui crudo vtuntur alimento " et carent dentibus "
aliquibus. plures ventriculos
1. vnde altera parte dentatis quatuor Chamel &c.
reticulatum omaſum abomaſum
vnde illorum caro delicatior quam equorum
vnde ſacris literis Ruminati non vncleane
2. vnde Avibus ingluvies crap et giſard
præteria Carnoſus ventriculus recompenſans dentibus
tamen little Birds quibus ventriculus Cartilaginoſus
tenuitate caloris et Bonis viribus
Gooſe duck cormorant &c. latitudine gulæ.
vnde ther fleſh not delicat.
3. vtrinque dentatis aliqui cæco vel colo vtuntur
pro altero ventriculo vel tam exquiſito
non indigent Alimento vt equi
vel carnivori præperatum cupiunt alimentum

Grampos porpos quatuor habent ventriculos ordine
magnitudine et fabrica
Elephas exiguum habere ventriculum dicitur
quia compenſatur longitudine inteſtini
Aliquibus partem ventriculi eminentem aliter conſtitutam
vnde ſecundo ventriculo in vno fundo carnoſiore
Homo vt in cæteris Intellectu et arte ſuppletur
arte coquinaria. coctis enim cibis vtitur

Quantitas ventriculi

Ingenti quantitate ventriculos fuiſſe quoſdam
Helluones Gourmandiſers drunkers
Hiſtoriæ veteres novæ plurimæ
Ex Vopisco Phago: Aurelij favorit eate
a Boar a mutton and a pigg.
WH Wilkinſon of Cambridg. pigg of y^e ſpitt
Milo crotoniatus 20^tb carnis att a meale
eate the bull the next day
Athlete: Ariſtotele præ copia Alimenti in Menſa
dicuntur 20^tb
Att Hollingbore he y^t eats Bollough livers
Of Drunkerd non minor fama
Alexander ſett a priſe: many fell many died
Promachus victor dicitur potaſſe
quatuor Congij hoc 20 quarts and better
Torquatus tricongius
Ciceronis filius Bicongius
Syracuſius drinke vntill an egge hatched
Perſi: games matches and priſes for drink
Romani quot litere in ther M^rſtris name
perplura alia: amborum Hiſtoria

Quantis Ingenii gaudebat Robertus Grosse Episcopus
Dentric. Hellenist. Gracumque Latinum
Historia vetus Novae plaudina
Ex Bopisso phago: Audeli fabarit oate
a Boar a mutton a pigg.
Mr Wilkins of Carlaby. pigg of 7 foot
Fossilio Grobiol 20 Cubits att a dole
oate 7s Bull 7s meal day
Athlete: Frisl pex Cogia Aldrol in Mot
Diol. 20
At Hollingbow Bp York Bollo ch. Library
of Bromford No minor Fama
Alcebiades att a prize: many fellows did
Pyromachus victor dirit potaffer
Alcogy 20 gally & other
Torquatus Kingongin
Cicero filius Bisongini
Symmachus drinke ale & wyne fatisfie
Posigonus abstoc Cliffe & drink.
Romani gt Cibaty 7s milk Hare
Spartan alia mulbat ~~[illegible]~~

Tantum quinto vabet: le [illegible] Volkir.

Ap: maior volkir vel Wh. Vetus vel

q-[illegible] Judi [illegible] Arabicus.

[illegible] Volkir. [illegible]

[illegible] Algipir [illegible] Libro patri: [illegible]

[illegible] Eboridali, Fabri [illegible]

[illegible] Quo magis adeo Volkir: signa

[illegible] vel [illegible] vel Volkir

[illegible] q-[illegible] ilia Volarat.

parda Ventric: quantitas

puella [illegible] [illegible]

Galor [illegible] parvilabi Volkir

[illegible] Adhirgolt a [illegible]

Figura libri a [illegible] a bagpipe.

volunt q° Capacior. Cor

Coff. Coff: q° ribaria [illegible] os vel:

Oeifiria 2° [illegible] Pyglos [illegible]

[illegible] Qui ribi [illegible] [illegible]

pilorum Archig th a [illegible]

[illegible] Volkir. [illegible]

plaka lit pingod: [illegible]

Calosior Galor [illegible]

[illegible] Galor [illegible]

Oeifiria [illegible] Volkir [illegible]

Hier [illegible]

Tantum conſuetudo valet: to ſtretch ventriculum
vt WH vreterem vidi
et Indi foramen in Auribus
ſed ordinary quantitas ventriculi hinc
Grecorum 1 neceſſitati 2 ſanitati 3 pleaſure
4 libero patri ſomno cæterus
Ebrietati furori Inſaniæ &c.
Quibus magnum adeo ventriculum Signum
multum Ab enſiforme vmbelico
et contra quibus ita voraces.

Aparet maior ventriculus quibus plus diſtat ab vmbelicis chartilago enſiformis quam a iugulo. Riolanus Æthiopicum ventriculum non maiorem inteſtino:

Parva ventriculi quantitas
puella Germanica: Jeiuna per iij annos
Galen pro morbo parvitatem ventriculi
forſan victu Aſtringente et abſtemia

Figura like a Horne a Bagpipe
rotunda quo Capacior
leſs and leſs quo cibaria cocta minorem locum

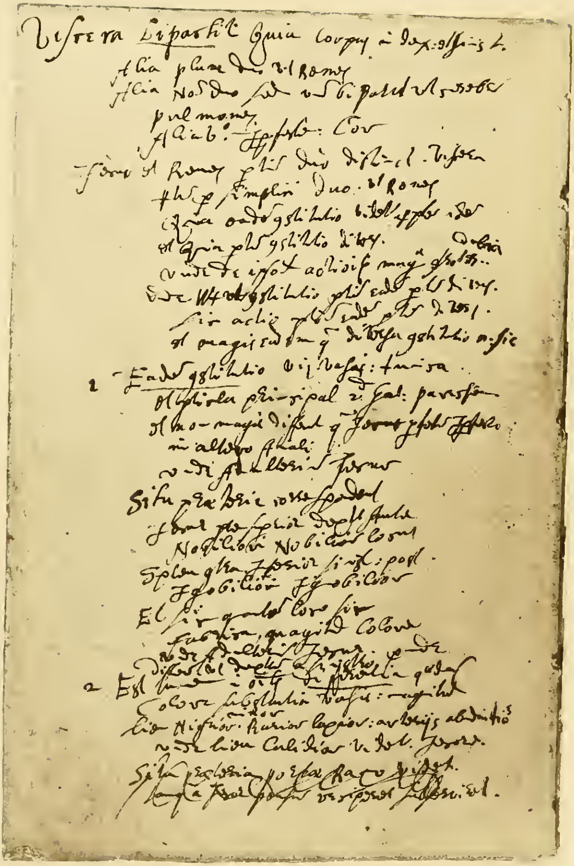
oeſtrig partim vt quadrupedum
Membranoſus partim vt pennatorum carnoſus

Orificia duo { os cordis / pyloron quatuor digitos a fundamento }
et ſurſum; Quia cibi gravitate non recluduntur

Riolanus geminus ventriculus

piloron arctius NB a ſhilling ſtuck
which he always carried in his purs.
Platerus hic pinguedo cauſa inappetentiæ
Carnoſior Galen × "ſed in Cane eſt"
glandula Galen × ſed cane
Orificia ambo eque carnoſiores
vel craſſiores ventriculo tum tactu viſu

WH. NB. Hinc inferenda quæ prius in ſitu



Viſcera bipartita Quia corpus in dextra et ſiniſtra
Alia plane duo vt Renes
Alia non duo ſed vnum bipartitum vt cerebrum
pulmones
Alia vero Imperfecte: Cor
Jecur et Renes partim duo diſtincta viſcera
partim pro ſimplici duo vt Renes
Quia eadem conſtitutio videtur propter idem
et quia partim conſtitutio diverſa
vnde de ipſorum actionibus magna controverſia dubia
vnde WH vt conſtitutio partim eadem partim diverſa
ſic actio partim eadem partim diverſa
et magis eadem quam diverſa conſtitutio enim ſic
1 Eadem conſtitutio viz. vaſis: tunica
et particula principalis ſecundum Galen parenchema
et non magis differunt quam Jecur perfectum Imperfecto
in altero Animali
vnde Adulterinum Jecur
Situ præteria correſpondent
Jecur parte ſuperior dextra Ante
Nobiliori Nobilior locus
Splen contra Inferior ſiniſtra poſt
Ignobiliori Ignobilior
Et ſic quantum loco ſic
fabrica magnitudine colore
vnde Adulterinum Jecur. proinde
differt vt dextrum a ſiniſtro
2 Eſt tamen in omnibus differentia quædam
Colore ſubſtantia vaſis: magnitudine
lien Nigrior minor Rarior laxior: arterijs abundantior
vnde lien Calidior videtur Jecore
' Situ præteria portæ Ramo videtur
tanquam Jecoris penſum reciperet ſubſerviret"

Jecoris functio ; Coctio secunda sanguificatio
Questio Inter medicos et philosophos et inter Medicos

Bauhinus opiniones { Cordi Jecori venis / venis et Jecori }

Laurentius { labor / venis / color Jecoris }

quod × piscibus quibus Jecur flavum
Medici Elegantiores non re differunt a philosophis
1 Aristoteles Cor esse principium omnium proinde sanguificationis
tamen dicit necesse adeo Jecur vt
nullum sanguinem carens Jecore
sic Averrhois { Inchoative Jecur / perfective Cor }

2 Medici pro Jecore tamen magis Influente facultate
vnde Cor radicaliter et fundamentaliter Jecur instrumentaliter
sic occulus videt et Cerebrum
vnde perturbato Cerebro nec vident
et nec dolorem sentiunt neque movent

Jecoris actio concoctio sanguificatio
sed tanquam instrumentum cordis et secundario
vtilis etiam ad primam coctionem ventriculo Intestini vtpote fomentum et proinde
sanguineum calido Nativo abundans
Calor vero Nativum author omnium quæ circa coctionem
Naturales spiritus procreare — et instrumentum instrumentorum quod Corde primario fecit
Vtilis etiam tanquam Anchora quo venæ stabiliuntur
ad corpus
sic placenta in vtero:
Cepit Amare Jecur.
WH Yf I could shew what I hav seene y^t weare att
an end between physicians et philosophers
sanguis enim potius author viscerum quam ipsa eius
Quia inest sanguis ante viscera
nec a matre veniens in ovo etenim gutta
Anima est in sanguine
Calor nativum author et vbi
exuperat plus vbi primario primario
vidi teste Dr Argent omnia perfecta Informato Jecore
Cor formatum cum Auriculis Jecur rudis indigestaque moles
Cor Albissimum Auriculæ puniciæ refertæ sanguine

Jecoris functio; Coctio 2a: sanguificatio

Quaest: Inter medicos et Philosophos et inter medicos [illegible] opiniones {Cordis Jecoris [illegible] [illegible] calor

[illegible] 33

Medici [illegible] a philosophis

[illegible] sanguificatio

[illegible]

[illegible]

[illegible]

2 Medici [illegible] magis [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Jecoris actio [illegible] sanguificatio

[illegible]

[illegible]

sanguis [illegible]

[illegible] Calor [illegible]

[illegible]

[illegible]

ad corpus [illegible]

W+ [illegible]

[illegible]

sang [illegible]

[illegible]

[illegible]

Anima [illegible] sang

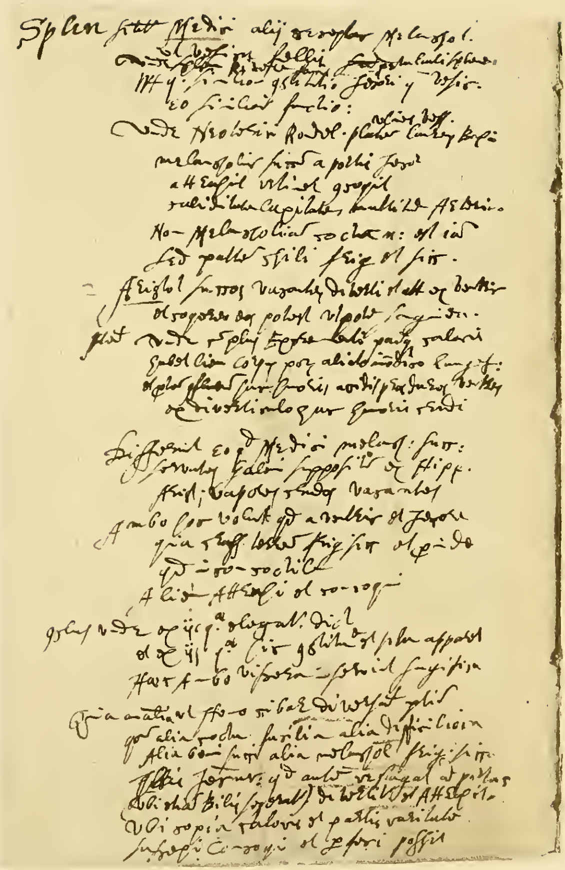
Calor [illegible]

[illegible]

[illegible]

[illegible]

Cor [illegible] sang

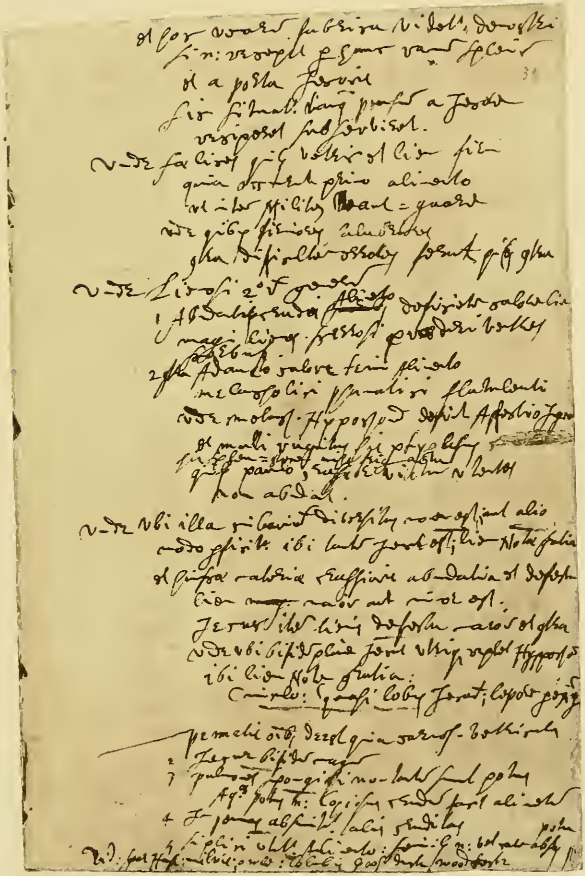


Splen ſimiliter Medici alij receptaculum Melancholiæ
vt veſica fellis " ſed "
vnde ſplen Ridere facit petulanti ſplene
WH quo ſimilior conſtitutio Jecori quam veſicæ
eo ſimilior functio
vnde Neoterici Rondeletius Platerus Laurens Bauhin Vlies Veſſalius
melancholicum ſuccum a portis Jecoris
attrahit retinet concoquit
caliditate laxitate multitudine Arteriarum
Non Melancholiam coctio enim eſt iam
ſed partem chili frigidam et ſiccam
2 Ariſtoteles ſuccos vacantes diverti et attrahi ex ventriculo
et coquere eos poteſt vtpote ſanguineum
Iterum vnde cum plus Excrementi parumque caloris
habet lien corpus parum alimento immodico langueſcens
et propter confluentiam huc humoris accidit præduros ventres
ex diverticulo huc humoris crudi

3 Differunt eo quod Medici melancholicum ſuccum
ſervantes Galeni ſuppoſitum ex Hippocrate
Ariſtoteles vapores crudos vacantes
4 Ambo hoc volunt quod a ventriculo et Jecore
quia craſſum terrenum frigidum ſiccum et proinde
quod inconcoctile
A liene Attrahi et concoqui
Concluſio vnde ex ijs quæ eleganter dicta
et ex ijs quæ hic conſtitutione et ſitu apparent
Hæc Ambo viſcera inſerviunt ſanguificationi
Quia animalia vt Homo cibaria diverſarum partium
quorum alia cocta facilia alia difficiliora
Alia boni ſucci alia melancholici frigidi ſicci
Illis Jecur : quod ante reſtagnatum ad portas
(vbi etiam Bilis ſeperatur) divertitur et attrahitur
vbi copia caloris et partis raritate
ſuſcepi concoqui et perfeci poſſit

et hoc venarum fabrica videtur demonſtrari
ſi enim recepit per hunc ramum ſplenicum
et a porta Jecoris
ſic ſituatur tanquam penſum a Jecore
reciperet ſubſerviret.
vnde fœlices quibus ventriculus et lien firmi
quia occurrunt primo alimento
vt inter Milites vant=guard
vnde quibus firmiores ſalubriores
contra difficultatem errores ferunt quibus contra
vnde Lienoſi duorum generum
1 Abundanti crudo " humoribus " alimento deficiente calore lieni
magni lienes ſcirroſi præduri ventres
ſcorbutici
2 contra Adaucto calore tenui Alimento
Melancholici phanatici flatulenti
vnde Melancholici Hypochondrici deficiunt Affectione ingenio
et multi rugitus his ptyaliſmus
his ſplen-ſtone mihi frigidum actu
quibus paulo craſſiori victu vtentes
non abundant

vnde vbi illa cibariorum diverſitas non eſt aut alio
modo perficitur ibi tantum Jecur eſt; lien Notæ gratia
et huiuſcæ materiæ craſſioris abundantia et defectu
lien " mag " maior aut minor eſt.
Jecur item lienis defectu maior et contra
vnde vbi bifidum plane Jecur utrique repletum Hyppochondria
ibi lien Note gratia:
Cuniculo: quaſi lobus Jecorum: lepore parergon
pennatis omnibus deeſt quia carnoſus ventriculus
2 Jecur bifidum magnum
3 pulmones ſpongioſi non tantum ſumunt potus
Aquæ potus enim copioſus crudum facit alimentum
4 In pennas abſumitur talis cruditas
5. Simplici vtuntur alimento: ſeniinibus enim vel carne abſque potu
Vid: ſparrowhawk: milvis: owle: Columbis Gooſe duck woodpecker



— — [illegible] vel Nola [illegible] [illegible]
[illegible] [illegible] [illegible] : [illegible] : [illegible]
qua [illegible] non [illegible] [illegible] [illegible]
Flores pallidi [illegible] [illegible]
et [illegible] vide vitiato [illegible]
phora et [illegible] non est:
[illegible] n: [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] vitiato [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

[illegible] Tamen aliquibus [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] illic non [illegible] [illegible]
[illegible] Nola [illegible] maiores [illegible]
et Cochlear [illegible] [illegible] [illegible]
~~Cott.~~ [illegible], [illegible]
vide [illegible] et alijs [illegible] q: maior [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
vide Habitum de Weier
vide Thaliani [illegible] de [illegible]
~~[illegible]~~ ubi ~~[illegible]~~ [illegible] et [illegible].
[illegible] et colore [illegible] [illegible]
ibi ipsa [illegible] [illegible] [illegible]
14 [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible]
[illegible] May. [illegible] [illegible] [illegible] parvo.
[illegible] [illegible] [illegible] [illegible] [illegible]

piſcibus pene omnibus vel Notæ gratia floridum quod
vt plays paſtinaca flowndors: Barble
quia his non tanta perfectione cibi opus
Jecur pallidiuſculum Inſalubrius
et pro liene vnde vitiato temperamento
phoca et cetacijs non eſt:
placenta enim pro rene WH
Oviparis quadrupedibus rigidus exiguus
reni ſimilis quia pulmo fungoſus
parum potus deſiderat et in corticem vt Avibus in pennas
WH land tortoys. Jecur ſpongioſum et Nigricans
lien vivido colore quo cor renes
Eſt et toad florentiori colore Jecore
Jecur quaſi ſemiputridum vitiato liene
ſimile quia vitiato temperamento
exquiſito alimento non vtuntur proinde
pro jecore quaſi lien vel Adulteratum
WH Tamen aliquibus quadrupedibus florentior
et meliori Conſiſtentia quod Miror
ſed puto in illis non ſervire publico vſui
tantum notæ gratiæ maiores tamen
vt Coctioni ventriculus prodeſſet vt omentum
Catt: poulcat weeſel
vnde Hominibus et alijs Animalibus quo maior Jecur eo lien
contra quo maior lien Jecur minus colore deterior
vnde Habitus deterior
vnde Traiani decretum de fiſco
"Item" vbi "Jecur" lien florentior et Jecur
conſiſtentia et colore ſimilis lieni
ibi ipſe officium ſervi præſtat
WH vid: timido ſuſpenſo mortuo ſcala. Cambridg
lien magis lobis ſciſſum Jecore parvo
Fernelius recenſent maior Jecur et Veſſalius ex ictero

et vniverſium vt viſcera venter et venæ
viſcera magna venter Auctior venæ manifeſtæ
atro ſanguine refertæ : his parum carnis
et contra Carnoſi vel pingues colore florido &c.
Quo excedit viſceribus deficit carne et contra.
vnde Apparet Jecur et Cor neceſſaria hoc propter caloris
originem (lares enim et focus adeſſe opportet)
illud cibi concoquendi gratia
quare Nullum ſanguinis ijs duobus carere poteſt
W vidi tamen putrido Jecore vivere per Menſes
attamen puto Benevenius vidit hominem abſque Jecore
ſed per inteſtinum expanſum vt WH ſemper in
a Barble et partim in a gooſe.
Hic Jecur publica regio
pars tribuens ſuſcipiens.
Contra ſplen per accidens neceſſe ob defectum Jecoris
et ventriculi vt waſhhows to the kitchin
ſic et preter defectum deeſt
Inferior kitchins need noe waſhhows
Jecur, minus non bipartitum,
facultate magis exquiſita ſed magis infirma
lieni ibi opus eſt
vbi firmior et maior et corpus impuriori alimento vtitur
ibi Jecur playes the ſplen too.
vbi more fowle work then cleane
vt quibus vitiatum temperamentum
vitiato impuro vtuntur alimento
lien Maior the waſhhows exceed ye kitchin
In homine 2^cem 3^cem notant Fallopius Veſſalius ſepæ in canibus
contra aliquando pene defuiſſe. Laurens
Mimadonus Turcis eximi: quando quod WH vidit ſcirroſum
vt ſine detrimento eximi potuit Mr Gillow
Contra Galenus 4 vc. part. Eraſiſtratus vulgi opinione perſwaſum
eximi curſoribus refutant

[illegible] valor et bona
[illegible] Nota [illegible]
[illegible] : sic pat [illegible]
et contra Carnosi [illegible]
Q°. [illegible] contra
V-Dr. [illegible] Cor [illegible]
[illegible] 35
[illegible] gratia
[illegible]
W [illegible]
[illegible]
[illegible]
a [illegible] a [illegible].
[illegible] publica regio
parte sinistra superior.
contra Splenem [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
ibi [illegible]: [illegible] of the spleen [illegible].
ubi [illegible] Eleanor
[illegible]
[illegible]
[illegible] Maior [illegible]
J— Howe 2o 3o. Nol. Callop: Vessal [illegible].
contra [illegible]
[illegible]
contra Gal. [illegible]
[illegible]

Digilby [illegible] liber [illegible]
[illegible] de Habilibus [illegible] = [illegible] bi [illegible]
de [illegible] [illegible] liber [illegible].

[illegible] Eb: [illegible] Cap: 13 [illegible] liber Egi liber [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] lib de [illegible] [illegible]: [illegible].

Vigesima illius [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] = [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Dignitas hinc lieni minor
vnde Natura degenerans in Monſtrum hic ſacile errat
vnde carere melius liene poteſt
Ariteus liber cronicorum 1 cap: 13 Jecur lieni equilibrium eſt
ſed facultas tum ſanitate tum Morbo longe maior
Quale liber de vſu reſpirationis Galeno aſcriptus

Viſcera illis tantum ſunt quibus ſanguis
vnde gratia ſanguinis et
vnde magis gratia venarum quam contra venæ gratia
nec iecur principium venarum
quia venæ ante Jecur in Embrione : ovo

Hiſtoriam ex Bauhin vide et Anotationes WH &c ; &c ; &c ;

Viſcerum { quantitas, figura, ſubſtantia } partes

Quantitas Jecur cum liene quia equilibreum
quanto viſceribus Natura excedit
tanto carne vel pinguedine deficit vt dixi
Et quanto partibus excedit tanto horum vſibus
vnde viſcera maiora optime coquunt
ſed inertes guloſi " timidi " puſilanimi
contra muſculoſi " torn " Toroſi fortes ſecundum animum
Item inter Cor et Jecur equilibrium
vt inter Jecur et cerebrum
vnde quanto ſanitate et colore florido
tanto deficiunt operationibus Animi
vnde Morbus Jecoris nimea parvitas
cuius ſignum apud Avicennam digitorum curtitas
ſic magnitudo Jhon Bracey Ingentem
as bigg as an ox liver : liver-grown
macilentiſſimus curvatus præ Imbecillitate
moriens ex fiſtulis
Homo pro rata proportione magnum Jecur et lienem
Embrione magnum Jecur
ſed lien minor Jecore
(Andreas Veſſalius Juvene candido diogenicis moribus
montepeſſulani ſuſpenſo)
Liene magno ſorore mea Δ 5^{lb} et Mrs Yeoung
vſque ad os pubis : Impoſuit Impregnata
Columbus refert 20^{lb} pluribus
vnde alij vt liene gravidi

Viscerum [illegible]

Quantitas [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Figura pol publi. [illegible]
[illegible]
figura [illegible] publicy [illegible].
Quia illar operatio [illegible] figura no [illegible]
figura non est Nrosf.

Jeroni. [illegible] publicis [illegible]
alij medio modo. [illegible]
[illegible] ~~[illegible]~~
pastinam Tridy Nzgl.

Apoi. [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
Ut Co[illegible] [illegible] [illegible]
Corabu [illegible] [illegible]
Publicis [illegible] Apoc. [illegible]
[illegible] [illegible] [illegible]
Galat. [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
Adiuvat [illegible] Noia [illegible]
[illegible] [illegible]
Conc. Ut [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

Figura provt patitur corpus quare quibus
venter longus longior
figuram recepit a partibus continentibus
Quia illarum operatio a figura non dependet
Figura non eſt neceſſaria

Jecoris alijs Multifidum alijs ſimplex vt hic
alijs medio modo. tum diverſis ſpeciebus
tum eadem " medio modo et genere " ſpecie
paſtinaca Tridens Neptuni
Homini ſimplex rotundum oblongum
diviſum tantum ingreſſu portæ et vmbelico

*ex iſtis obſcuris
diviſionibus Joannes Caius
pro Jecore contendit

*vbi promuntoriola, pinnulæ alijs
WH Convex et concave vt vngula equi
Concava to imbrace the ſtomach
Multifidum viſum in Homine: Fernelius vid:
5 lobis vt Antiqui:
Galen enim recenſet diſlocationem vnius lobi
cauſam icteri et doloris de " Morbo vulgari " 6to vc: p: 4: 8
quo redacto protinus ceſſaſſe dolorem.
Avicenna ſectatores 5 nomina impoſuit
focus menſa culter auriga &c.
vnde WH puto homines fuiſſe tum temporis
vt nunc ſunt rarò: et parti vt Herophilus G: T: 1581
re enim tam aperta Hallucinari Impoſſibile
et Ariſtoteles dicit eodem genere alijs Multifidum
alijs ſimplex quo in genere hominem eſſe WH
tamen Ariſtoteles dicit homine rotundum quale Babatum (?)

Lienis figura vt lingua bovis: planta pedis
aliquantulum ſiniſtro latere gibboſa
Interius ad ventriculum aliquantum concava
Inæqualis parum cum quibuſdam tuberculis aſperum
Canibus long and narrow
Biſulcis rotundior
Multifidis longior vt canibus dixi
ſolipedis promiſcuus partim longa partim rotunda
Quia humidum et laxum ad recipiendum humores
morbis variam figuram et habitibus præter naturam
rotundum quadratum; magnum
protuberantijs plenum in lobos ſciſſum vidi
Dividuntur Tunica vaſa venæ Arteriæ Nervi
parenchemate ſanguine et ſpiritibus
Tunica membrana tenuiſſima a peritoneo
liene ab omento
Sanguis et ſpiritus tanquam contenta alia contenentia
Sanguinem conteneri in Jecore contra Ariſtotelem
Quia non eſt Anaſtomaſis.
et licet contra Bauhin tamen vſui non reſpondet
2° ex WH fabrica et ductu venarum
porta enim hic ingreſſa in Ramos dividitur hi in alios
ſemper in Cyma iecoris ad vmbonem vſque
Cava vero in gibbos contra eodem modo hic vaſa
vt digiti Amborum Manuum iuncti
Rami portæ rariſſime ad gibbos vt contra cavæ ad Cymam
vnde vt WH plures perquiſiverunt anaſtomoſim et non
invenerunt: qui invenerunt vt Bauhin vnum tantum demonſtrari

Licet sit: et lingua tibi: planta pedis
aliquando sinistro latere gibbos.
Thorax ad humeros aliquando sonat.
Jacuit pars et gibbosus humeri assez
Caniq longe nasum
Bipedem vocandum
Multifidis digitis et omnis digiti
solipedis quinque plus longe pedes vocat.
Quia ut et lucus ad vocandum locus
morbi varias figuras et subitis p. Nul:
vocat gradatim imagines
plus corporis planus – lobos sissas tibi

Dividunt: Tunica vasa vena: Art: Nerv.
pedes sine alae sanguis et spiritus.

Tunica membrana longissima a pericardio
tiro ab omento
Sanguis et spiritus longe sonora alia glandula
Sang: sonuerit – Jter gula Arist:
Quia No- et Anglorum
et tiro et gula Basti – lus usui non vocat
2 os Ut fabrica et Ducha vocat
pollicis ingressi – Ranos dividit ei – alios
Lato – Gula vocat ad vocat usq
Cavum – gibb gula code modo sit vasa
et digiti auditi Ut inci
Ram pollicis vocat. Ad gibb: gula cava ad Gynd
de Ut plures q ei sibi omnes et No-
i vocat: q: Jter et et Bugs vocat lab

Differentiae potest quasi per paginas in
partes diuisa utilis
Et Carus Rami istas scribens: fol: 77 pag.
quibus obstruebat Jacobi arridet.
Deinde ad hunc liber de Jacobi Semiotica
Et quia aliquos libros a praelis vel plausu
offendit multos.
Et Jacobus plures habet capitula ita
Liber primus de Signis: secundus de Causis
ipsis aliquibus rebus aliis rationes
varias et certas de posse
vide libros Jacobi de Rami et certe quid in ipso
Ambo Nebulosi et ignoti a 6 par plaga
radius restat et Jacobus alius a vanis
dogmatis verbis deducit et de
eum porta ingredit.
Ex libris distribuit
vide scripta in libris totis et obscura
exigunt vel ipsi parte operandae
Spiritus an sint interior an frigidus
Et ego Nullos corporales praeter aeriam
posuit sagum vide vitio sang: [illegible]
sang: agit Calidum et disputatur de
Spiritibus et de sang: formaliter.
vel de calido innato.

Differentia vaſorum portæ quaſi propagines in
parenchyma mittit
WH Cavæ Rami inſtra cribræ: fol: Hippocrates
quibus obſtructiones Jecoris accidunt.
Venæ omnes tum lienis tum Jecoris tenuiore Tunica
WH quia alteram tunicam a peritoneo vel pleura
egreſſi mutuantur
vt Jecur plures venarum propagines ita
Lien Arteriarum quas Jecur tantum parte Cymæ
vſus Arteriarum crudum Alimentum coquere
ventilare excrementum renibus deferre
vnde lienoſi per Renes expurgant quod meipſo

Ambo Nervulos exiguos a 6to pari prope
radices coſtarum et Jecur alterum a ramo
ad orificium ventriculi delatum et inde
cum porta ingreditur
In tunicas diſtributio
vnde ſenſus in tunica tantum et obtuſus
exiguus vix vllus parenchemate
Spiritus an ſint in Jecore an fiant
WH ego nullos ſeperatos præter aeriam
portionem ſanguinis vnde ratio ſanguinis 'tanquam'
tanquam aquæ Calidæ et diſputare de
ſpiritibus eſt de ſanguine formaliter
vel de calido innato

Subſtantia Caro: parenchima affuſio
quaſi ſanguis effuſus extravenatus, concretus
Cum venas in ramuſculos propter Coctionem neceſſe deſtribui
Ne lædantur Twined and intertangled
parenchymate molli diſtinxit, fulcit extendit
et Blandi calore fovente Coctionem promovet
vt pancreas et glandulæ maioribus ramis
ita minoribus parenchima: vnde Ariſtoteles Anchora
vt placentæ vaſis vmbelicalibus
WH vt cotton to kepe a Jewell
vnde potius venarum gratia quam venæ viſcerum
omnia enim gratia caloris nativi et ſanguinis
differt a carne vt Cartilago ab oſſe
or prowde fleſh
lienis tanto Jecoris rarior quam pulmo ſpiſſior
vnde craſſos ſuccos admittit quos
Jecur recipere non poteſt fabrica compactior
WH rarior quo pulſarent arteriæ plures
Color viſcerum ſanguineus vnde Argumentum ſanguificationis
et Laurens colorationem ſanguinis a Jecore ×
1° equæ coloratus ſanguis in meſeraicis
2° piſcibus Jecur pallidiuſculum
pennatis paluſtribus. Gooſe durty color
flownders Jecur varium, colore et conſiſtentia
alijs pallens alijs albidius as in goodens ſeaſon
ſic powltry fatt white liver
paſtinaca light yellow alij cutaceis piſcibus
WH puto kingman inter pale yeallow and light red
in omnibus tamen ſanguis nigrior
Homine ſano ſumwhat ruſſet-Iron grey
Color viſcerum ſequitur ſanguinem

ſplen floridior
colore Jecore
Catt weeſel

Ariſtoteles vero ſanguine vitiato ſive calidus ſive frigidus atrior
vnde carnes et viſcera atro magis Colore in Homine
lien præcipue dilatum enim et pravum ſanguinem attrahit
vnde vitiato temperamento Homini quibus omnis ſanguis pravus
Jecur lieni ſimile
contra quibus optimus et eodem modo totus ſanguis
ſplen eodem colore floridus quo Jecur

Substantia Caro: pars ossea affectio

quasi sang: effusus a fructu aliq; ...

Et omnis ... color cochiod: ...

Ne cadant: Prima ... langlad

parvos ... mollis digitipal, plit ... fondil

et Blidi ... cochiod: ...

vel pancreas et glandulae maxillis tumis

in ... parvos ... Arsl: ...

Vel ... vari ... colorabili

... polipus ... sang: ... g ... vipsor

... sulia ... et sing.

dispat a ... et Carbuncli ...

... fere ...

... varios q pulsi ...

... de ... sunt ad ...

Fere ... non ...

Vel varios ... pulsant arteriae ...

Color bis: sanguineus ... de Argumentis sang: ...

et Lunatici Colorabiles sang a Feror: ...

1° Eq: rotulat sang ...

2° ... Fores pallidiores.

pomati palpebrae. Gooss ... color

flor ... Fores varis, rotae et ...

alij pallidi, alij albidi, ... goodsy ...

... alij rotundi ...

Vel pulo Kingman ... pale yellow ... light ...

in oig ... sang ...

Floridi sano ... vessel = Fro grey:

Color ... sang: ...

... Floridi ... Vel sang ... pale ... albidi ...

... de ... et viperae ...

Cutis ... Fores ...

... et ... m: et ... sang ...

... bilialis ... Fores ...

Fere ...

... et sang ...

... rotae ... sang ...

Ad pros: — Ad de lis qui gallicis sunt virtutis Nis.
et terra Quelch vel Hoffleigh gallicus
qui ratio sit: pecus vel clavis addere
Juvenes superiores esse affirmant sed
pecus, cor sunt pecus et Anacon.

T. e imperatur in bis: rubeat et sunt
Jett Coffleitt fest et blad
et Jorne Coffleigh pelon gelber fiber.
Gul: lanto rubeo q̃ regulen gemidia
q̃ ab mollior et lanto gaudia
q̃ ab Abdalior sunt.

Ariſtotelis probatio vnde lienoſis quibus atrior ſanguis cicatrices Nigri
et terra Quiloa vel Moſambiqua gallinas
quarum caro ſit : forſan vt lienis eadem cauſa
tamen ſaporitatem eſſe affirmant ſed
forſan hoc fames fecit et Annona.

Temperatura viſcerum calida et humida
yett leſs hott then ye blood
et Jecur leſs then y^e ſplen propter Arterias
Galenus tanto cute (quæ regula) humidior
quanto mollior et tanto calidior
quanto Abundantior ſanguine

Viſcerum paſſiones
quæ vidi referam.
provt temperatura mollior et durior pro humiditate
ita maioribus vel minoribus venis pro caliditate
Splen cachecticis vel ſcorbuticis aliquibus (non omnibus)
maximis ſanguine refertiſſimis vt: Bagg of blood
vt plurimum quibus corpus tranſpirabile optime eventatum
carnoſi floridi vel pingues lien parvus
contra Melancholicis macilentis colore flavo vel
obſcuro maior laxior vidi et
iam habeo ad pubem vſque eaſyly taken vp
et Columbus vt dixi 20ⁿᵗᵒ

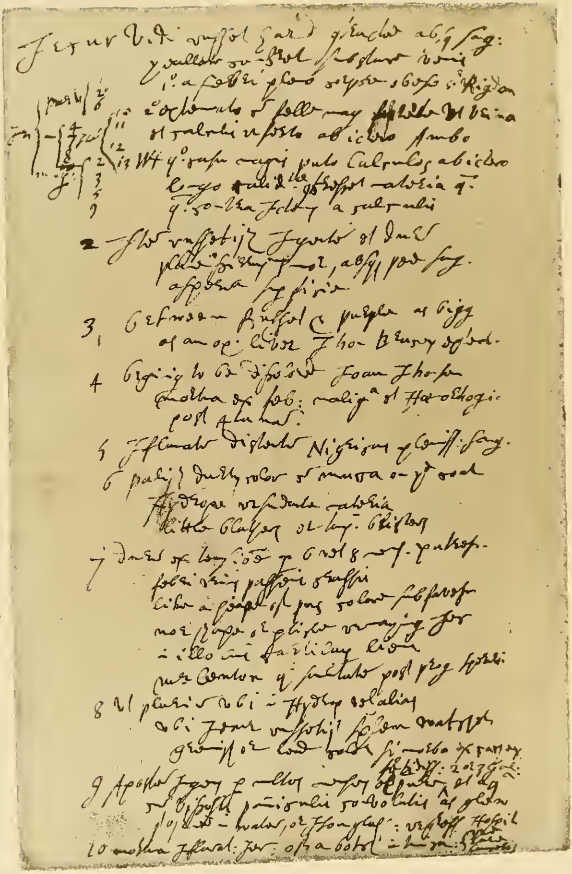
Cachecticis alijs albeſcentibus ater et lividus
foras watchet. etiam porraceus plumbeus
tunicum cum cartilaginibus vt fungi Nayles
or horne ſoftned in water teſtibus Dʳ Flud: Mʳ Waker
etiam Bauhin et Columbus referunt tale vidiſſe
prioribus calidum et humidum lien "et proinde"
his calidum vel frigidum et ſiccum
vnde puto: cum alijs ob craſſum Nutrimentum
ſcirrus his adaucto calore, cartilaginoſus
WH vidi omnibus partibus abſeſſus et putredinem ſubſtantia
liene nec vidi nec legi

Visorum passionum

a Vidi nonnullos
post longorum mollior, et dum quibusdam
filia maioris et longi vocis quam solidioris

Solem Castor et Pollux aliquis (non oriri)
maxime sunt in Pisis et Mugg et Cloud
et plerique quorum corpus transparentia opaca et solutis
rarefactis fluendi et pigri lucem parvum
quam percutiunt mirabilis solem flavo vel
obscuro maior longior vidi et
[illegible] de pulvere [illegible] sed [illegible] et
et [illegible] vel dixi 20.

Castoris aliquis albescentis alter et lividi
forma oculorum et oculi posterior plenior
[illegible] et [illegible] et [illegible] Naples
[illegible] et [illegible] et [illegible] vel [illegible]
oculi [illegible] et [illegible] vel [illegible] lividi.
priori calidi et [illegible]
et calidi vel [illegible] et [illegible]
[illegible] de pulvere et aliquis [illegible] Crassus Nubi et
[illegible] quae ad modum [illegible], [illegible].
Vidi omnes partim albescentes et pulchri [illegible]
[illegible] vidi non longi



Jecur vidi ruffet hard contracted abſque ſanguine
yeallow cankret ſubſtance venis
1° a febri pleno corpore obeſo Sr Rigdon
2° extenuato cum felle magis diſtentum vt vrina
et calculis referto ab ictero Ambo

Jecur
- parvum { 1, 2, 6
- { 4, 7, 8 Item { 10, 11, 12, 13
- magnum { 2, 3, 5, 9

WH quo caſu magis puto Calculos ab ictero
longo calidiore concreſcente materia quam
quam contra Icterus a calculis

2 Item ruſſetiſh Ingentem et durum
planè ſcirrus tumor, abſque pene ſanguine
aſpera ſuperficie

3 between Ruſſet and purple as bigg
as an ox liver Jhon Bracey extentum

4 begining to be diſcolored Joan Jhonſon
mortua ex ſebre maligna et Hæmorhogio
poſt quartanam

5 Inflammatum diſtentum Nigricans pleniſſimum ſanguine

6 paliſh durty color cum mucca on ye coat
Hydrope reſudante materia
little blathers or tanquam bliſters

7 durum ex tenſione per 6 vel 8 menſes putreſcens
febri vrinis paſſenis craſſis
like a heape of pus colore ſubſaveſcum
noe ſhape or particle remayninge Jecoris
in illo cui cartilaginoſus lien
Mr Benton qui ſanitatem poſt prognoſticationem ſperavi

8 vt plurimum vbi in Hydrope vel alias
vbi Jecur ruſſetiſh ſplen watchet
greeniſh or lead color ſi morbo ex cachexia

9 Apoſtema Ingens per multos menſes ex pure fætidiſſimo 2 or 3 gallons et aqua
cum viſcoſis panniculis convolutis as glew
ſtepened in water, or Iſonglaſs: regreſſum Hoſpitali

10 Mortua Inflammatio Jecoris of a botch in tunica { red, hard, cancerus

11 ſcabrities Jecoris: ſcabby hard ſoakt in aqua
12 Abſeſſulæ vt Cuniculis: rotten ſheep
Abſeſſus like an eagle ſtone phoca
Eaſt Indy Bezar in the liver of a goate
Platerus recenſet a fungus ſubſtance, qualem non vidi
Hæc tum Hoſpitali tum Italiæ Hoſpitalibus multa cum "Naſea"
Nauſea et faſtidio et fœtore Inſpexi
et Memini. plura oblitus
Concluſio Vide mecum aliquando
Nulli ex morbis cronicis in quibus non eſt
aut Abſeſſus magnus aut viſceris alicuius corruptela
vt liver longs Brayne kidney ſtomach
eaque totaliter
et quod hæc obſervata potius fructus
" homini cauſa " Morborum et cauſa mortis
quam cauſæ Morborum et fructus effectus mors
et quod 1° ex erroribus in victu et Naturæ
Imbecillitate fit Cachochimia ex Cachochimia
malus Habitus: ex ipſo viſcerum corruptela
aliqua et inde mors viſcera totaliter abſumpa
Mirum enim quam minima parte vel Nulla
vt per menſes toto corrupto Jecore vixiſſe Δ
Riolanus gypſea pituita refertum et contractum in orbem

11 Scabrities et Scirrus: scabby hard scall in aq.

12 Absessulos et Tumores: rotten steep, 40

Abscesse like an eagle stone plora

East Indy Bezoar in the liver of a goate

plater viridis a fungus [illegible], quod in [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] ~~[illegible]~~

[illegible] et [illegible] et [illegible] [illegible]

et [illegible] . [illegible] obliq.

[illegible]. Vide [illegible] aliquando

Nulla [illegible] [illegible] [illegible] in quib. [illegible]

aut abscesse [illegible] aut [illegible] aliquo [illegible]

et liver lungs [illegible] kidneys [illegible]

eaq. tabulat.

et qd: [illegible] observatu [illegible] [illegible]

~~[illegible]~~ morbos et causa morbi

q: causa morbos et [illegible] [illegible] [illegible].

et qd 1°. [illegible] [illegible] in vicinia et Natura

[illegible]. [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible]: [illegible] [illegible] [illegible]

aliq. et inde [illegible] [illegible] tabulat. [illegible].

[illegible]: [illegible] [illegible] vel Nulla

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Blon: [illegible] Fell

Figur longiusculi: angustior a fundo in vertice

Nasus [illegible]

Color [illegible]

Capillus [illegible]

Supercilia [illegible]

Oculi [illegible]

Labia [illegible]

Mentum [illegible]

Genae [illegible]

Aures [illegible]

Cervix [illegible]

Humeri [illegible]

Pectus [illegible]

Brachia [illegible]

Manus [illegible]

Digiti [illegible]

Femora [illegible]

Tibiae [illegible]

Pedes [illegible]

Fell

Blowe vp
Figura longioris piri anguſtior a ſundo in cervicem
vaſa venas Cyſtibus gemellas quibus Nutritur
vnde × a bile Nutriri: quia Nec ſpirat enim
Arterias hic a cæliaca
Nervus exiguos a Ramulo quaſi Jecoris
Color darke yeallow: alij black: alij ruſty: item
greeniſh blewiſh "vnde divers"
vnde diverſis bile flavum vitelloſum æruginoſum
Nigra porracea vel viridis
Quantitas Alijs Magnum alijs parvum provt Jecur Colore
et conſiſtentia deterior vel melior
generatio piſcibus magnum quod cum a calore bilis
Currit piſcibus cum frigida, Animalia, parum ſanguinis
cum Equis Chamel Elephant ſtagg nullum
nay phoca delphin inter Marina Callidiſſima
Manifeſtum quod fit a calore: frigido enim liquefit Ariſtoteles
vt ſperma
Temperatura non tamen humor adeo calidus vt Ictero
torpedi hebetes ſegnes Ignavi ſomnolenti
quæ omnia a frigiditate WH hoc principio
contra ſtatum Will Halte flaſh and flame
nec tamen Iracundi vt hic ſit ſedes iræ
ſed puto Calore opprimi; vt copia Alimenti
et Ideo frigidi

Diviſio in
1 tunicas: poſt — Rami { in Jecur; porus felleus; Meatus felli } { Idem enim egreſſus et Ingreſſus
2 partes Conteyning — veſicula
3 Contenta: poſt — ſinus inventus Jafolini Hipponiata

principalis particula porus felleus et × veſica
vbi enim deeſt veſica porus vt Turdus
Columba
Equus mulus aſinus chamelus Elephas ^
phoca delphin vitulus marinus ſtagg deere
viz quibus erectari optime jecur poteſt
lamprey ballæna Orca Oeſtridg porus tantum

1° ſe offerunt Nervi
a ventriculi orificio
Ramus 6: above
2° Nervorum Ramo
In Jeiunum et fell

3° Huic attenſa
Arteria
4to ſub ipſa
porus quaſi
5to vena porta
ſuper arteriam Nervus
et vena ſimul
omnia omento

Vnde vbi Jecur ſanum et ſanguis ſucci dulcioris
ibi deeſt veſica
1 vnde piſcibus cum Jecur diſcolored Impurum
maioris fellis Copia: voraces enim et
Impuro vtuntur alimento
2 Hominibus the blacker the liver
the greater the gaule
3 vnde longitudo vitæ antiquitus fellis "vac"
vacuitas vt cervus et ſolipedum grus
4 fell alia Animalia partim habent partim Non
vt videlicet ratts miſe quod Ariſtoteles p: 506

Neceſſitas veſicæ
Δ quod Embrione
nec vacua
mortuis per
ſunatharſin

Hominibus item accidiſſe
oves et Capræ Ariſtoteles Naxo "pro miraculo" prodigij loco Mag:
Chalcide "Nomen" Euboica Nomen: WH hinc
vaticinari ex felle in victimis
Hinc apparet ex his omnibus quod
veſica gratia pori, et non neceſſario
porus ſed quibus Abundat bilis copia
vnde Natura expurgatura Jecur porum fecit
qui multis Ramis in Jecur cima
vbi porta ramificari incepit.
Inde ad inteſtina
NB Nihil difficilius tota Anatomiæ diſſectione Veſalius
oritur a iecore. Multis ſurculis terminatur in Inteſtina
ſometime Higher ſome time lower

Noctua poſt
magnam reduplicationem
inſerta in inteſtina

vnde authorum diverſitas in finem duodeni
principium Jeiunæ "puto" WH modo incerto
Gooſe poſt inteſtini revolutionem cui illud
quod tanquam expanſum iecur
Inſerritur intra duas tunicas et progreditur oblique
Aliquando duplici propagine one higher other lower
Aliquando Ramo ventriculæ vnde picrocholi
iræ familiarum Bauhin. Tamen Veſſalius

41

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Vesalius in Nauta absque bilis vomitione
WH sed forsan quia exitus intra tunicas in Intestino
Vse Bilis a Jecore in intestina
vnde obstructione Icterus et fæces Albæ
quod aliquando flatu distenta Intestina
vnde a colico Icterus et in
Colico vrinæ "inters" intensæ: quia
facile comprimitur et obstruitur ab
obliqua insertione
vtilitates Bilis descensu stimulat ex pultricibus
Intestinum lubricat Chilum deturbat
Vermes deturbat euocat Δ equis piscibus pueris feces tincturam vnde Ictero albidæ
et vrinæ intensæ et quanto intensiores
hæ illæ albidiores ab obstructione

Antiquitus putabant stimulando vel laxando
Animosum in iecore sensus gratia: vnde ira &c.
Meatus fellis as a branch torning back
porus enim pertransit et non Inmittit
vnde vesica non trahit a Jecore
sed vel sponte vt Aristoteles vel ex pultrice Jecoris
Hinc how idle Laurens disputat de ijs quæ veteres
et contra Fallopius mordicius tam validis argumentis
vt Arietes: WH Rams are but sheepe
sua Inflatio Infida
WH vidi fœtu canino ij porus vno recessu in vesica
Meatus fellis from prope Intestinum retro eadem
tunica cum poro: qui non percipitur nisi
bearing the probe this way. et
Interstitium pro valvula.
vsus per meatum regurgitatur in vesicam
tanquam in diverticulum
quia Impeditur "ib" apud intestina transitus
vnde omnibus porum fecit Bile Abundantibus vesicam

vnde fell alijs ad Jecur alijs ad Inteſtina
" alijs medio loco "
vt piſcibus ad Inteſtina : Corvus coturnix
paſſer Hyrundo
toto inteſtino prætextum Ariſtoteles Anima
WH alio latere a Jecore vt ſerpentibus × vipera
Anguillis Angue
Alijs partim Jecori partim ventriculis vt Ariſtoteles Capricipeti Barble
Alij partim ventriculis partim Inteſtinis vt Accipiter milvus
WH anas Niger ſturnus
Alij medio loco vel modo Jecoris
modo Inteſtini vt Congro
WH Δ Rana Marina vtroque loco inter Jecur et ventriculum et ad Inteſtinum
nerer and farther from the liver

Valvulæ a meatu in orificio valvulæ ij vel iij

Meatus exiguus per tunicas alij vt Julius Jaſolinus
et Bauhin (vt ſervarent Galeni poſitum
quod veſicam attraheret a Jecore)
vnde his purum bile per porum per miſtum
ſed × ijs quibus veſica non eſt apud Jecur
et proinde cæteris niſi illud
cauſa vt veſica ſit aliquibus apud Jecur
cur enim thus recoyled to the liver non video
curque reſervatum (niſi calore coctionem iuvat
quod videtur vanum Embrione enim eſt
vbi dicunt Nullam publicam coctionem
Nec Impeditur apud Inteſtina contra Fallopium
Tunica Membranæ ij vna a Jecoris membrana a peritoneo
Altera propria omni fibrarum genere donata
rectis interioribus tranſverſis exterioribus
obliquis paucioribus medijs : de fibris ante
WH opinionem dixi.

Vbi fell alij ad fonte alij ad ipsum
~~[illegible]~~
vel piscis ad ipsum: Cum y solum
passer Hyrundo
Ita ipsius pratum Kirl. Anim
Ut alia lectione a fonte vel fontis
Ay alii. Ayno
Alij partis fontis vel Kirl Castri fonti
Alij fonti vestri ph ipsi vel Fonti: ipsum
Ut ante Rigor ipsum
Alij medio corpore vel modo fontis
modo fontis vel [illegible] vestri et ad
Ut a fama [illegible] Corpore [illegible] vestri et ad
[illegible] fontis [illegible]

Valvulae aniatae in piscis Valvulae ij vel iij

Mcatus ocij y hinc alij vel fel fastidij
vel Barbel vel servatur Galen posit
qd vestir attenuat a fontis
vel in pulsi bilis p porri p ipsum
sed x ij. qd vestir non aplaud fons
et quidem solum nisi illud
ranae vel vestir sit aliqi aqua fonti.
Kal m: Hic vocatur lo Hoc liber no vidi
tuidem servatur nisi galen Cochlear
qd vidit. Ebriad m: ol.
Vbi dicit Nellus [illegible] cochlear
Nat [illegible]
Quinta Mensis [illegible] y vel a [illegible]
Aliam propria ei fitis [illegible] vel
nichil [illegible] humoris aqualitis:
oblij y gannidij medij: di ipsi in
Ut ogni dicit.

Contra vel: fiell qd dicit vesica vel 2a rochi
Et hanc Obiicig fell vel: Nulla 2a Cura.

Calculi fiegl: fiant et poto fallag
Et Topici mingog bibat lo-go ichro
Vel: gulgam grey Cibe Bora.

Sepiss: Nigha oc ichro ro-gheffa
fiant vde: (Vel Nol flabag) principio
pueg: bibat: fiant fiant - rebabit
Fiaffat n: Bibat pulle fiant
et Lapis ro-ghefil
- vel oddat magis Fpacha
parbag sling lo gofsat Frebabit.

Cragha Fhoniki fiunia sengha vel bolhior
ne arti-o in bibi laud al:
vide no-[illegible] fibe
- vide No-Nulla in bibi: mui alb n:
gha abiendi :x

Contenetur fell quod dicunt recreetur ſecundæ coctioni
WH tamen Embrionibus fell vbi Nulla ſecunda Coctio
Calculi ſepe ſicut et poro Fallopius
WH Tophos nigros videte longo ictero
Dr Gulſtone grey like Bezar.
ſepiſſime Nigra ex ictero concreſcere
faciente vnde (vt Notant Arabes) principio
purgationes violentæ faciunt Icterum incurabile
Incraſſatum enim Bilem putrefaciunt
et in tophos concreſcit
vnde obſtructio magis Impactu.
partes cling together. Incurabile.

Cruſta Interiori tunica cruſta vt ventriculus
ne acrimonia bilis lædatur
"vnde non Nutriri Bile"
vnde non nutriri bile: muniente enim
contra alimentum. ×

Renes Νεφροι quaſi mingentes Reynes kidneys
Actio to draw away and convey oute of ye veynes
by the vreters into the blather the
ſeroſum excrementum
vnde ſeated to the great veynes and Arteries
et conexæ per venas et arterias Emulgentes

Quibus non

In quibus illud "illud" ſeroſum non Abundat
vt piſcibus et omnibus Infeſtis ſerpentibus
et quadrupedibus oviparis quia veſiculas pro pulmonibus
non aut parum potant aut raro
et ſi potant cibi non potus gratia. ſippſipp
vnde ſeroſum ſuperfluum non habent
Inde hæc deſiderantur renes vreterem veſicam
et vbi deſiderata veſica et renes an contra
in avibus qui carunculam ad dorſum habent
"Item in quibus illud excrementum"
ſed quibus deſiderantur Renes et veſica × teſtudine
et in an efft veſicam reperi WH abſque Renibus
Item in Quibus illud Excrementum in alios vſus abſumitur
vt piſcibus ſquamoſis Avibus et et Teſtacijs ſethers
ſcales and ſhells.

Quod ſequitur

Item quibus non eſt veſica pitiſſando. ſipp
ſipp. et aves Rapaces non omnino
Aquila Δ WH et Ariſtoteles Heſiodum Irridet
quia Jovis Alitem potantem introducit

Quibus ſunt

Item "Quibus" perfectioribus Animalibus et calidioribus Ambo
Renes et veſica et quia calidiores forſan
difficiles cognitu.
Ex Anatomia vero quibus pulmones "præcipue"
præcipue ſanguinolenti et Copia Sanguinis
vnde plurimo egent Refrigerio
et plurimum ſitiunt: et potant
vnde Abundant ſero: Excrementum ſecundæ Coctionis
Itaque in ijs hæc Evacuatoria { Renes / veſica
Itaque omnibus Animalibus quæ Animal generant perfectiora enim calidiora: quam quæ ex ovo vel ſemine
et Hæc multum potant

Renes Neppoi [illegible]

Actio [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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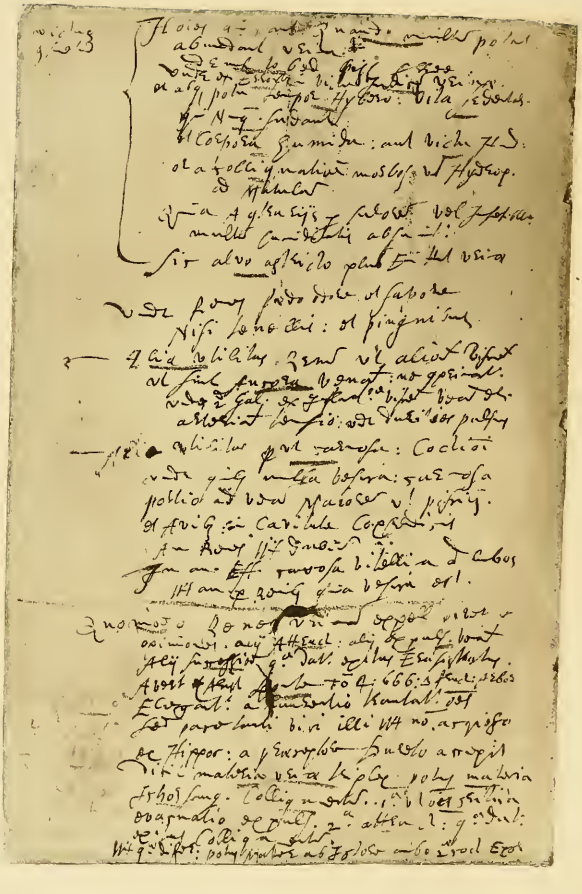
[illegible]

[illegible]



victus
consuetudo

Homines qui sudant Quando multum potant
abundant vrina
drunk to bed piss free
vnde ex erroribus in victu Judicium vrinæ
et absque potu tempore Hyberno: Vita sedentaria
qui nunquam sudant
et Corpora humida: aut victu Humido
et a colliquatione morbosa vt Hydropica
ad Matulam
Quia A contrarijs per sudorem vel insensibiliter
multum humiditatis absumitur
sic alvo astricto plus Emittunt vrinæ

vnde Renes fœdo odore et sapore
Nisi tenellis: et pinguibus
Alia vtilitas Renum vt aliorum viscerum
vt sint Ancora venarum ne comprimantur
vnde secundum Galenum ex Inflammatione viscerum venarum et
arteriarum tensio: vnde durities pulsus
Alia vtilitas provt carnosa: Coctioni
vnde quibus multa vesica: carnosa
portio ad venam Maiorem vt piscibus
et Avibus in Cavitate Coxhendicis
An Renes WH dubium in
In an Est carnosa vitellina ad lumbos
WH an pro Renibus quia vesica est.

Quomodo Renes vrinam expellunt diversæ
opiniones. alij Attractione alij expulsione venarum
Alij successione qua datur exitus Erasistratus
Averroes et Aristoteles sponte Tom. 4: 666: Δ fructus Arborum
Eleganter a Laurentio tractantur omnes
sed pace tanti viri illi WH non acquiesco
ex Hippocrate a præceptore Dureto accepit
dicit Materia vrinæ triplex: potus Materia
Ichor Sanguinis Colliquamentum 1ª vt omnes critica
evacuatio expulsio 2ª attractio qua datur
exitus Colliquamentum

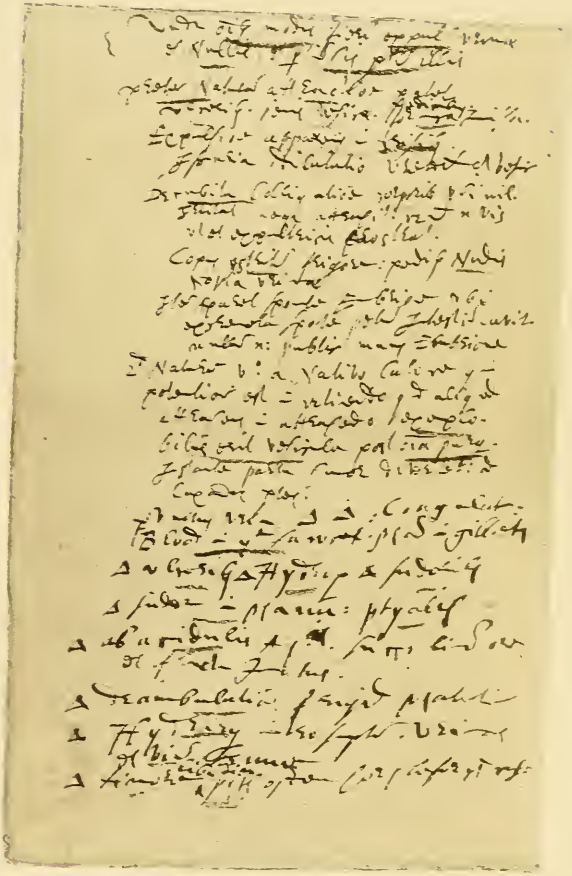
WH quæ diferentia potus Materiæ ab Ichore ambo secundæ Coctionis excrementum

Queſtio proprie non eſt de vrinæ excretione
ſed de omni excremento. et omni motu in Corpore
et reſpondet vrina eodem modo quo reliqua
per proprios ductus. bilis. ſpermatis
in pilos plumas ſquamata excrementa abſumuntur
An: Attractione expulſio &c.
reſpondet vno verbo omnium in corpore author
Calidum Nativum, in omnibus ineſt etiam in
omnibus excrementis. dum Natura gubernantur
Calidum Nativum vt concoquit attrahit
expellit
vnde ſicut alimentum ad nutriendas partes
partim digeſtiva facultate tranſmittitur
partim attrahitur: partim ſponte petit
Item excrementa partim exitum petunt
partim qua datur exitus procumbunt: partim attrahuntur
partim expelluntur
vero preter Naturam Excrementa non a Natura gubernata morbitica diverſas partes a malignitate
petunt vt oſſa crura &c. pulmones
vt in mundo ſic Microcoſmo, omnia ad locum proprium
moventur ſponte
vnde qui dicunt pelli vel attrahi ſupponunt
alio ſponte moturos. Ariſtoteles de generatione 4 lib. 2
excrementum enim ſecundum quod tale excernitur
Eſt tamen motus in corpore per attractionem

præter Naturam	exemplo	calor dolor vacuum	attrahunt	cortina purgator Maſticator

Eſt item motus decubitu. exemplo Tumores
tibearum dum propendunt maiores fiunt
Item intertrigines ſemper madent
et oris vlcera ptyaliſmum in iijbus diebus
plus humiditatis quam cranium continere poteſt
Δ quoque p:

Quaestio propria non est de venae arteriosae
sed de omni excremento, & omni motu in corpore
Respond: venae eodem modo quo reliquae:
per propria ductus. bilis. spermatis
& ciborum plurimum seq. alia excrementa absumunt:
An: Attractio & expulsio &c. 44
resp: uno verbo omnia in corpore conservat.
Calidum Nativum in omnibus [illegible] alia in
omnibus excrementis. dum Natura gubernat:
Calidum Nativum ut concoquit attrahit
expellit
Nota si alimentum ad Nutriendum plus
plus digestiva facultate [illegible]
tanto plus attrahit: plus sponte pellit
[illegible] excrementa. plus [illegible] pellit
[illegible] [illegible]: plus Attr.
[illegible] expellit.
2° [illegible] Naturae Excrementa non a Natura [illegible]
[illegible] [illegible] diversus [illegible] a malignitate
pellit ut [illegible] [illegible] [illegible].
ut in [illegible] [illegible], [illegible] ad Cor [illegible]
[illegible]: sponte
[illegible] [illegible] pelli vel attrahi [illegible] 2
alio [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible].
[illegible] [illegible] Est tamen motus in corpore per attractionem
exemplo [illegible] attrahit [illegible] [illegible]
Est item motus [illegible]. exemplo [illegible]
[illegible] [illegible] [illegible] maiores [illegible].
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
A [illegible]:



vnde omnibus modis fieri expulſio vrinæ
et Nullis, et partim his partim illis
præter Naturam attractione patet
vlceribus. penis veſicæ. pediculus formica Immiſſa.
Expulſione apparens in criſibus.
Iſcuria dilatatio vreterum et veſicæ
Decubitu colliquatione corporis vbi nil
Irritat, neque attrahitur renum enim vis
vt et expultricis proſtrata
Corpus conſtrictum frigore: pedibus nudis
copia vrinæ
Item Aparet ſponte Embrione vbi
excrementa ſponte petunt Inteſtini cavitatem
nullum enim publicum munus Embrione
ſecundum Naturam vero a Nativo Calore qui
potentior eſt in retinendo quod aliquod
attrahens in attrahendo exemplo.
bilis erit veſicula poſt omnia purgans
Inſtante partu humor divertetur ad
laxandas partes.
per vomitus vrina Δ Δ: Coagulata
Blood in ye fawces. Man in gibbets
Δ vlceribus Δ Hydrope Δ ſudoribus
Δ ſudore in Manum: ptyaliſmo
Δ ab accidulis Aquis ſucco linum ore
et fractu Junctus
Δ deambulatione frigido Matutino
Δ Hydrargyrum introſumptum vrinas
et vinum Jeiunum
Δ timore libidine piſs often hors befor ye raſe

Numerus duo quia Natura bipartita dextra finiſtra
quia operis magnitudo et ſecuritatis gratia
vnde ſublato vno ſufficit alter
Raro iij: 4 Euſtachius et Laurentius 4
vnum tantum vidi Picholhomini vnum Bauhin ſitum medio
pinguedo Ariſtoteles Reliqua dum colatur ſerum finis enim Coctionis ſanguineæ pinguedo
Membranæ ij alter ſolutior a peritonæo vbi pinguedo
Alter proprius abſque pinguedine multo tenuior
Quantitas
Figura vt ovis phaſeoli kidney beenes
interius partim Gibboſum partim Concave
vbi finus dicti ij° pro Cyma vbi Emulgentes
ingrediuntur prominentia medio 2os facit
Aliquibus ſinus non ſunt ſed Renes diviſi in lobos
vt Bubulis et vitulis: vrſis et
vide Embrionem bis j° more 2° leſs Euſtachius vidit
phoca placenta teſſulata quam Bellinus pro liene ×
ſignum quod vreteres ab ipſa. alia femina
non teſſulata.
Quantitas longitudine 4 vertebrarum et iij digitorum latitudine
aliquando pares Magnitudine non ſunt
alijs maiores alijs minores
pinguedinis minor Quantitas Dextro quam finiſtro
quia pars dextra ſiccior
vſus recludere arcrimonium vrine, Coctioni iuvare
mollitie et lenitate renes conſervant: fovendo Renes
WH calfaciunt puto Renes and chookes them
vnde detenentur flatus: ſuprimuntur excrementa
vnde obeſis Nephritices dolores magis
præſertim calidiori Conſtitutione
venas et Arterie venas duas Emulget Adepos
Adepos dextra raro a trunco ſed ab Emulgente
finiſtra contra a cava oritur in tunicam exteriorem
Irrigando Numeroſa ſobole
Ramum ad glandulam Euſtachij

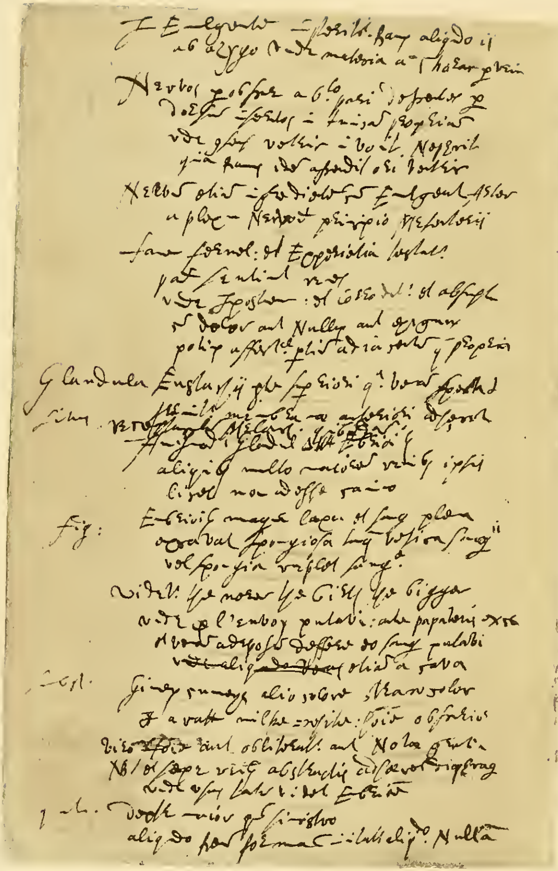
Numerus 2° quin Natura bipartit deq: substrat.
quia opportunis mugientibus et Bubulis gaudet
— vide Scholar. Dr. Sussini alter

Pars iij: A Englishy et Cambrell A
[illegible]
Mel — Bruna y alter [illegible] b potissimo [illegible]
— Scholar [illegible]

Figure
vel obiu: phaseoli Kidney Beans
[illegible] gallus Gibb gallus Goose.
Obiiny Dilli ijo e Cyrus vbi E-Egyptij
[illegible] quia [illegible] modo 2ij fuit
Hinc [illegible] non sed per divisi Cibos
vel Bubulis et Dilli: [illegible]
vide E-Biot [illegible] 2° Cibos E-Egyptiis
phasos planiores bassulata q Boll et lisus
[illegible] quia [illegible] ab ipsa alia fama
non bassulata.

Quant loy 4 bottob. et iij d. plus [illegible]
alij do pabo Magnitudo [illegible]
alij maiores alios minores

[illegible] Quantitas Bacchi et Finiskio
[illegible] Bacchi [illegible]
[illegible] vel [illegible] Cochin in [illegible]
mollit et Cinilata vanus [illegible]
Wt [illegible] pulo Rouy et Nooky [illegible]
— vide [illegible] flaky: [illegible]
— vide obiu: Hassinhoy [illegible]
[illegible] [illegible]
Bonny et Albein [illegible] E-Ly Adoyes.
Adoyes Bacchi vers a [illegible] ab E-Egyptiis
finiskio [illegible] a [illegible]
Finiskio Kuckusa [illegible]
[illegible] et [illegible] E-Englishij



In Emulgentem inſeritur Ramus aliquando ij
ab azygo vnde materia a Thorace per vrinam
Nervos perobſcuros a 6to pari deſcendentes per
dorſum inſeritos in tunicam propriam
vnde conſenſus ventriculi in vomitu Nephritico
quia Ramus idem aſcendit ori ventriculi
Nervum etiam ingredientem cum Emulgente Arteria
a plexu Nervorum principio Meſenterij
tamen Fernelius et Experientia teſtantur
parum ſentiunt renes
vnde Impoſtema : et corroditur et abſumpta
cum doloribus aut Nullis aut exiguis
potius affectione partium adiacentium quam propria
Glandula Euſtachij parte ſuperiori qua venam ſpectat
firmiter membranæ anteriori adhæret
ſitus receptaculum Melancholiæ quibuſdam
Huiuſmodi Glandulam Δ WH Embrionibus
aliquibus multo maiorem renibus ipſis
licet non adeſſe canino
figura Embrionibus magna laxa et ſanguine plena
excavata ſpongioſa tanquam veſica ſanguinis
vel ſpongia repleta ſanguine
videtur the nerer the birth the bigger
vnde per l'envoy putavi : ante papularis excrementum
et venam adepoſam deffere eo ſanguinem putavi
" vnde aliquando venas " etiam a cava
ſubſtantia Ginney cunneys alio colore ſtraw color
In a ratt milke=white : homine obſcurior
viro " Homine " aut obliteratur aut Notæ gratia
NB et ſæpe renibus abſtractis adhæret diaphragmati
vnde vſus tantum videtur Embrione
quantitas dextro maior quam ſiniſtro
aliquando Renum formam imitatur aliquando Nullam

Inſertio Emulgentium diviſa duo Ramos vterque
in duo ſinus et inde diviſos
4 in ſingulis 4 Renis regiones tum arteriarum tum venarum
quaſi vſque ad partem Gibboſam divaricantur
Subſtantia dura Compacta ſimillima cordis
Colore obſcuro rubro
Temperatura Calida et Humida vtpote Carnoſa ſanguinea

Vreterum Inſertio in Inferiori ſinu
vnde in plures Ramos latos diviſa
Qui grow larger and larger
latis orificijs papillas recipiunt
Emingunt vrinam vt Infans lac
vnde vrinæ expulſio potius attractione horum
quam Renum
vnde Renes tanquam vbera Infanti Inſerviunt
ad accipiendum humidum, quod per papillas exugendum
" papillarum " Numerus incertus 9: 10:
papillas ſumma laterum quam in fine recipiunt
vnde ovillo omnes papillæ ex ſinu communi
papillarum color albidior ſoaked with vrine
vnde the inter Renum wors taſted then without
Meatus ſunt papillis quo vrina ſed adeo exigue
vt inviſibiles concidunt et pilum non admittunt
vreteribus hic fiunt calculi Renum: et papillas
conſerunt vnde ſanguinis mictio: vlcera: excænitus
Galen 4 Aph. pilos ex Natura vſta: venæ: etiam per Anaſtomaſin
vnde: figura Calculis as caſt in this mowld
Fernelius omnes calculi hic rudimentum: Kernell
augmentum in veſica
vidi Hic vermes in cane vt auibus accipitribus ſemper dorſo

Insertio Emulgentis divis: 2 ramos oblique 46
in 2 sinus et inde divis.
4 in sing 4 ramis [illegible] water [illegible]
q. [illegible] ad ipsas gibbas divaricat.

Substantia durior corpore similior cordis
Colore Clarior rubeo
Temperat Calid et Humid [illegible] Carnis sanguin.

Ureteres Insertio in Spherici sinum
inde in plures ramos latos divis
qui fiunt larger e larger
[illegible] papillas [illegible]
E [illegible] Spher [illegible]
— [illegible] attractiva [illegible]
q. [illegible]
— [illegible] Spheri [illegible]
ad [illegible] q. [illegible] papill [illegible]

~~papillat~~ Numerus [illegible] q. 10 :
papillas [illegible]
— [illegible]
papillae [illegible]
— [illegible]

Meatus sunt papillis q. [illegible]
[illegible]
[illegible]

Galen 4 Aph: [illegible]
pilos [illegible]
vesica: [illegible]
[illegible]
[illegible]
[illegible]

Historia [illegible] omnibus [illegible]
[illegible] [illegible] [illegible] 2° [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

passion [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
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[illegible] [illegible] [illegible] [illegible]

Apostolus [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

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[illegible] [illegible]

Dicit [illegible]

N. [illegible] [illegible] [illegible] [illegible]
Apostolus [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
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[illegible] [illegible] [illegible]

Hiſtoria here commeth owte of the veyne and artery
the ſerus ſubſtance excrement ſecundæ coctionis
proportionable to the ſweat.
by theſe Branches paſſed into ye kidney
by the papillæ, &c. &c.

paſſiones et Morbi Renes flaccidi abſque ſanguine
as parboyled item ruſſetiſh
in Cachecticis et Hydropicis
WH puto frigidi et ſicci intemperato Habitu
Apoſtema materiæ Albæ fœtidæ vxor Chirn
cum vretere diſtentum pure vt Inteſtinum
Abſumptum vlcere vt crumena vt Fernelius
et Cœlij a Fonte
Nigrum ſpacelatum
NB. febres intermittentes inordinatos fieri ab his
Apoſtematibus circa veſperum præcipue exacerbatis
item Horripilationes breves S^r. Robert Wrath.
Item calores et inæqualitatem maximam.
ſed abſque dolore: ſed diſtentio gravitas
et valde obtuſus dolor, ex tenſione tunicarum
externarum.

Vreteres a renibus ad vefice collum
vnde quibus deeft vefica et vreteres
WH oriri potius videntur a vefica quam Renibus
quia inde feperari non poffunt a Renibus facilius
Quia Membranofa fubftantia veficæ
Alba exfanguis Nervofa
videntur magis neceffarii quam vefica et quod illorum gratia fit
vefica diverticulum vrinæ ad excernendi tempus
WH
vnde forfan Avibus
vreteres
vnde vivere Abfque vefica ad tempus poffunt contra vreteres
vnde Infertio in collum veficæ et radicem virgæ
Venas Arteriam a vicinis partibus Nervum ambiunt vnde fenfus
exquifitus et dolor
vnde hic fiunt cruciatus cum his impingitur calculus
Numerus finiftrum duplicem obfervavi
figura Mulieribus lati breves recti contra hominebus
Quantitas paliæ magnitudo longitudo iij palmarum
vnde minus Calculum pertranfire poffe
fed dilatantur multum, vt Inteftina pure diftenta vidi
Hic fit obftructio Nephriticis doloribus
vnde Platerus a calculo ruptum et vrinam effluxiffe Alvo
ftone vnde Dr Argent ftone eat out his paffadge in ye flanke
fed fignum quod nec vrina acris nec Corpus Calidum
a colore Calculi quafi Gypfea pituita
alias febres Inflammationes caufaret et mortem.
Inhærens Calculus parte fuperiori diftentus
inferior contractus fuper calculum ipfum Inflammat

Ureteres et renes ad vesicam vocles

Item oculi pulsus videntur a vesica et pe-
ria inde superiori parte. et ideo facilius
quia et ostendit resolutio vesicae

Alba dolore: Nor vos
videntur magis Nerves vesicae et ellis Gutta
vesica videntur ad ascendendum
Vide Cibus Aly vesica de urina posse. et ita
Ad Jecoris - vocles vesicae et vias
Ve et Arteria adiuvant plus Nervus a cor. a de sede
exquisitis et dolor
a de sir fiel sunt et ostis - pigilli valdy
Hamorr sinistra duplicis ocsis.
Fig Jecur velocis cal. brevis vel. et ita
Quant palia magis Cong in palm
Vide only Calculi et urina posse
sed dilatat. nulli, et Jecur quia dilat
Hic filosofi Xis pertinet dolorem Alio
ost Calculi a parte et urina et
vd: Dr. Regal Cure sed ad Cut passidy et Hamor
sed Jecur qd nr. dicta ascit nor Cogas Calcul
a rotor Calculi qui Ejecta pilula
alias pilul Fundatur et mortis.
Jecur Calculus pro signi dicitur.
spirit gland. Aly nulli ipsi Jecur

Genitalia
ingenio

Necessitas

Achitophel

Genetalia by the ſtring tyed to eternity
in genere vnde cum Natura non potuit Individualem æternitatem
id quod potuit harum partium facultate ſpeciem æternitatis
generando ſibi ſimilem in ſecula
vnde ſacris litteris greateſt bleſſing Iſſue
that thy ſeed ſhale remayne for ever
videtur enim divinum æternum perfectum converſio
carendo potius quam fruendo quod vnumquodque Judica
quibus Nulla proles hic terminatur
contra alijs vereſimilem in æternum permanere
Quia iam vivunt homines et canes ex quorum lumbis
qui abhinc per 10 MM annis et ſeculorum
Neceſſitas talis vt Natura ſollicita eo vſque circa Individuum
donec generare ſibi ſimilem : ſpeciei gratia
vnde (as Nature regarding him not) ſtatim
deſpayreth declineth
et ſi hæ partes imo theſe little ſtrings
deeſſent omnibus hominibus or gelded
actum eſſet de humano genere
Hinc how greate and moſt affecting pleaſure
Natura huic actioni
vnde Impetuoſe inſequuntur et appetunt et agunt
quod per ſe lothſome
vnde as nil : more pleaſing to them which deſier or act
ita nil : more lotheſome to them which ar paſt it
or come to ſee it
Hinc Natura Equilibrium libidinoſorum ſterilitas
difficilis generatio et ſæpius fruſtra
vnde his maior voluptas qua ſæpeus actio perficitur
inter Animalia inter homines Calidæ Regionis
Actio itaque harum partium generari ſibi ſimilem plantare hominem
proprie ſperma facere ſervare inmittere

Vtilitates 1. perpetuitas
3 Corporis vigor harum partium Igniculis excitatur
2 Mens acuitur Corpus ſalubre redditur
vnde morbi Incurabilis circa Adventum veneris
aut curantur et qui non: aut incipiunt Incurabiles
vigor apparet Caſtratis quorum habitus anima
temperamentum et mores adeo alterantur
vt minus omnibus Magnanimitate Ingenio ſapientia
fortitudine vel ſanitate: in fœminas degenerant.
Apparet item Maribus et fœminis qui moderate vtuntur
never more brave ſprightly blith valiant pleſant
or bewtifull quam iam coitum celebraturi
Apparet ex ijs quæ circa adventum veneris contingunt
vox permutatur pubeſcunt Inguina, fratrare vbera
leporem vultu conciliari venuſtatem Membris omnibus
Quantum moderate ſumpta vigorat tanto
nimium enervat, mens hebeſcit
quia by how "muſh" much this is affecting pleaſent
tanto abuſus periculoſior, vt vinum
vnde vtilitas magna excrementi evacuatio
cuius defectu viri patiuntur plurimum
vnde clericis ad expurgandos renes licuit
et Cynicum: non exſpectantem: meretricem Gallicam laudavi
Item Mulieres multo graviora ex hiſtorijs et
noviter expreſſa quotidiana qui ſymptomata Hiſterica curant

Sperma quia precipuum generationis effectivum
omnes hæ partes ſpermatis gratia: et tot plures muliebribus
vnde perfectio huius operationis viz. generationis
circa quam Natura adeo ſollicita
vt tota Anatomia nil: admirabilius: quam iſtarum fabrica
Quia quo plura requiruntur ad perfectionem eo divinius
et contra quo excellentius Animal eo perfectiora plura
Tranſcripſi de partibus fœmineis alibi cum ex profeſſo Anatomia prægnantis

[illegible]

[illegible]

[illegible]

Generales [illegible] rivos fontes:

alia [illegible] ab ij flos ij N4
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Hæ [illegible] aliquæ aliquid ab [illegible] [illegible] [illegible] [illegible]
Gruden 1 Alia [illegible] [illegible] [illegible] [illegible] Terra [illegible]
[illegible] 2 Alia [illegible] [illegible] [illegible] [illegible]
[illegible]

[illegible] [illegible] [illegible] [illegible]
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[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

3 Alia [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
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[illegible] [illegible] [illegible] [illegible]

Tem: De [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

Genetales partes circa ſperma ;

alia { præparantia venæ ij Arteriæ ij N° 4
Elaborant paraſtant
prolificum faciunt. Teſtes
deferentia a teſtibus prolificum
Conſervant receptacula proſtaticæ veſiculæ
prolectans tentigine glans
Eiaculans penis

Hæ partes aliquæ aliquibus abſunt omnia perfectiſſima ratts vnde potentes

Gradus generationis Animalium

1 Alia ex putredine Calore ſolis Terræ humido
2 Alia ex ſpermate vt plantæ ex ſemine
oſteres muſles flyes &c.
vnde hic nec mas nec fœmina ſed proportio
vt Thiſtle and ſeed hemp :
qui non Coiunt. ſed
ſpermatizant : spatt : pro fœmina in quo illis
foras terra vel Aqua pro matrice
ſed ex his licet Coire viſa : non generant
aut ſaltem aliud quod, vt pediculi lendes
aut Non Animal aut diverſum a generantibus
vt ex Caterpiller ab alijs { papiliones / muſcæ parvæ
per metamorphoſin continuam.
3 Alia mare et femina : qui in quo vel ex qua
Mas in quo vis formatrix principium Activum
fœmina qua locus et materia
vnde principium generationis incipitur Mare
perficitur fœmina
Mas woe allure make love
fœmina yeald condeſcend ſuffer : contra prepoſterous
Opifex petit materiam : vt calor cœleſtis infernus

Tranſcripſi De ſpermate quod ſit : quomodo fiat : et vnde : quod præſtat generatione et quale prolificum cum de genetalibus particularibus

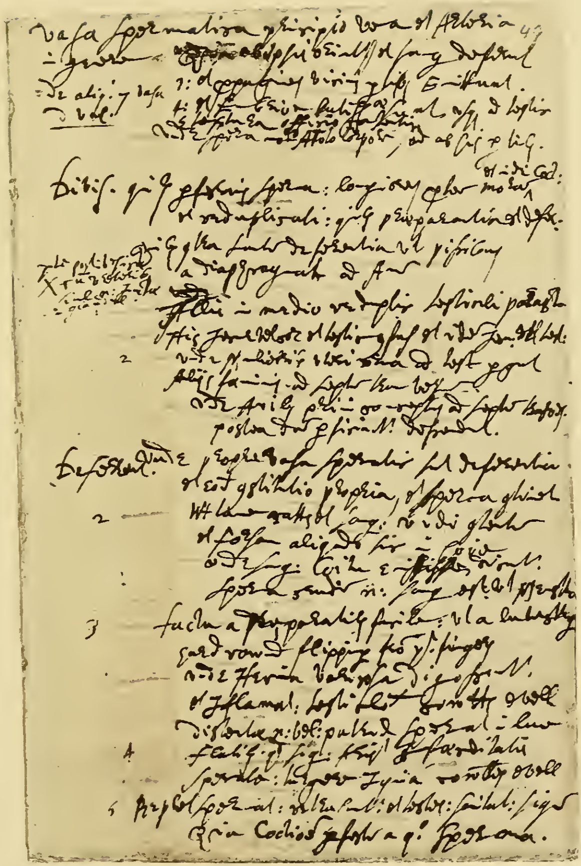
Vaſa ſpermatica principio vena et Arteria
in genere 2 Quia ab ipſis oriuntur et ſanguinem deferunt
3: et propagines vicinis partibus Emittunt.
vnde aliquibus 7 vaſa
de vaſis 4: et Embrione latiſſimæ ſunt vſque ad teſticulos
5 textura officio contentis
vnde ſperma non A toto Corpore ſed ab his partibus.

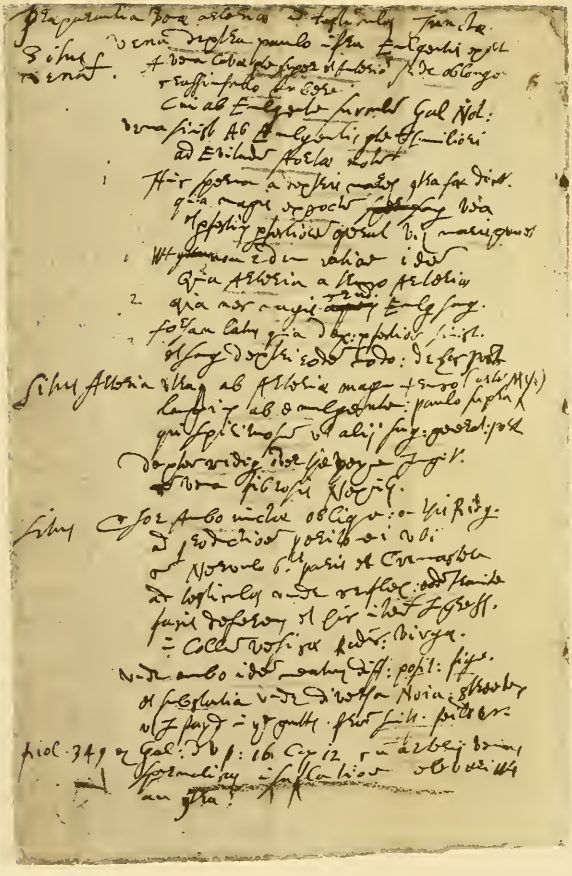
Diviſio quibus perfectius ſperma: longiores propter moram et inde Coctio
et reduplicati: quibus præparantia et deferentia

parte poſteriori veſicæ
× cum vreteribus
ſimul enim Junctæ
in Glandulis

Quibus contra tantum deferentia vt piſcibus
a diaphragmate ad Anum
" vnde "
1 Illis in medio reduplicati teſticuli paraſtati
His Jecur vel cor et teſticuli conſuſi et idem Jecur vel teſticuli
2 vnde Muliebribus vteri vrina ad teſticulos pergunt
Alijs fœminis ad ſeptum tranſverſum
vnde Avibus primi conceptus ad ſeptum tranſverſum
poſtea dum perficiuntur deſcendunt

Deferentia vnde proprie vaſa ſpermatica ſunt deferentia
et eorum conſtitutio propria, et ſperma continet
2 WH tamen ratts et ſanguine vidi contentum
et forſan aliquando ſic in homine
vnde ſanguinem Coitu emiſſiſſe dicuntur
ſperma crudum enim ſanguis eſt: vt Menſtrua
3 tactu a preparantibus facile: vt a luteſtring
hard rownd ſlipping from your fingers
vnde Hernia varicoſa dignoſcuntur
et Inflammatio teſticulorum cowtts evell
diſtentæ enim vel: putredine ſpermatis in lue
4 flatibus quod ſignum Ariſtoteli Infœcunditatis
ſpermate: turgere Inguina cowttes evell
5 Repleta ſpermate retrahuntur et teſtes: ſanitatis ſignum
Quia Coctione perfectum a quo ſperma.





Præparantia venæ arteriæ ad teſticulos Junctæ.

Situs venarum

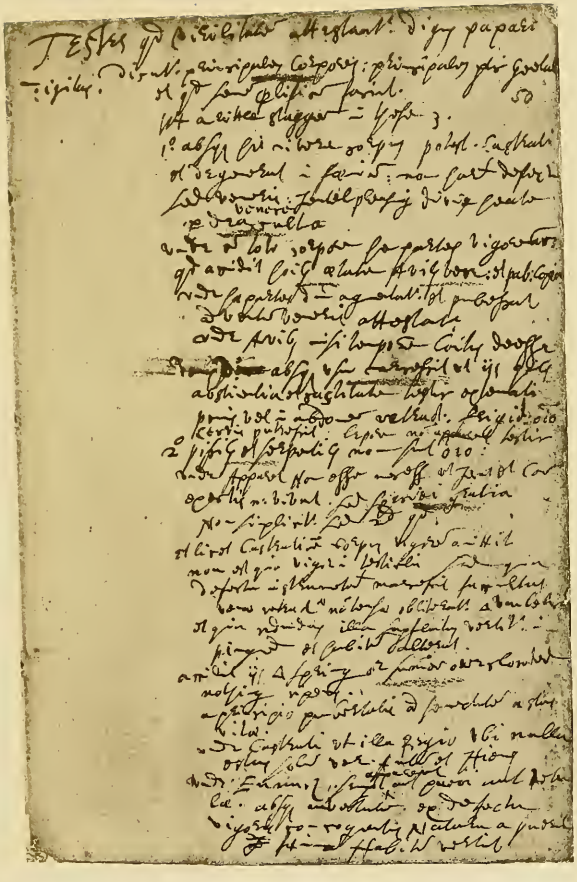
Vena dextra paulo infra Emulgentis exortum
A venæ cavæ parte ſuperiori et Anteriori ſede oblongo
craſſiuſcullo tubere
Cui ab Emulgente ſurculum Galen Notat
vena ſiniſtra Ab Emulgentis parte Humiliori
ad Evitandum Aortæ motum
Hinc ſperma a dextris mares contra fœminas dictum
quia magis excoctum "ſper" ſanguine vena
et perfectius perfectiorem generat viz: maris genetalia
WH "contra" non eadem ratione idem
Quia Arteria a trunco Arteriæ
quia nec magis "aqueus" crudus Emulgentis ſanguis
forſan latus quia dextrum perfectior ſiniſtro
et ſanguis dextri eodem modo: de hoc poſt

Situs Arteria vtraque ab Arteriæ magno trunco
longius ab emulgente: paulo ſupra arteriam Meſeraicam
qui ſpirituoſum vt alijs ſanguinem generatum poſt
dexter ridg over the veyne jungitur
cum vena fibroſis Nexibus.

Situs and ſoe Ambo iunctæ oblique: on this Ridg.
ad productionem peritonei vbi
cum Nervulo ſexti paris et Cremaſtere
ad teſticulos vnde reflexæ eodem tramite
facit deferens et hic iterum Ingreſſæ
in Collum veſicæ Radici virgæ.
vnde ambo idem meatus differunt poſitione figure
et ſubſtantia vnde diverſa Nomina: ſtreetes
vt I ſayd in ye gutts. from ſmith feild &c.

Riolanus 349 ex Galeno d v p: 16 Cap. 12 cum arterijs venas
ſpermaticas inſufflatione elevari WH
an contra?

Teſtes quod virilitatem atteſtantur dignus papari
dignitas dicuntur principales Corpores: principales partium Genetalium
et quod ſemen prolificum faciunt.
WH a little ſtaggerum in theſe 3
1° abſque his vivere corpus poteſt. caſtrati
et degenerat in fœminam : non harum defectu
ſed veneris : Jentel pleaſing divine heate
pro dea venere culta
vnde cum toto corpore he partes vigore carent
quod accidit hominibus ætate Avibus vere : et pabuli Copia
vnde hæ partes dum augmentantur et pubeſcunt
adventum veneris atteſtantur
vnde Avibus niſi tempore Coitus deeſſe
Venus vero abſque vſu marceſcit vt ijs quibus
abſtinentia et caſtitate teſticuli extenuati
penis vel in abdomen retractus frigidus omnino
cervis putreſcit: lepore non apparent teſticuli
2° piſcibus et ſerpentibus non ſunt omnino :
vnde Apparet Non eſſe neceſſarios vt Jecur et Cor
exectis enim vivunt ſed ſpeciei gratia
non ſimpliciter ſed ſecundum quod
et licet Caſtratione Corpus vigorem amittit
non eſt quia vigor in teſticulis ſed quia
defectu inſtrumentorum marceſcit ſaccultas
venæ retractæ non tenſæ obliterantur Δ vmbelicales
et quia redundans illa ſuperfluitas vertitur in
pinguedinem et habitum alteratum
accidit ijs Δ ſpring or ſumer overclowded
nothing ripens
a principio pubertatis ad ſenectutem æſtas
vitæ.
vnde Caſtrati vt illa Regio vbi nulla
eſtas ſolum ver. Autumnus et Hiems
vnde Eunuchs ſemper apparent aut pueri aut vetu-
læ abſque iuventute. ex defectu
vigoris concoquentis Natura a pueritia
in feminarum habitum vertit



D 2 5

[illegible]

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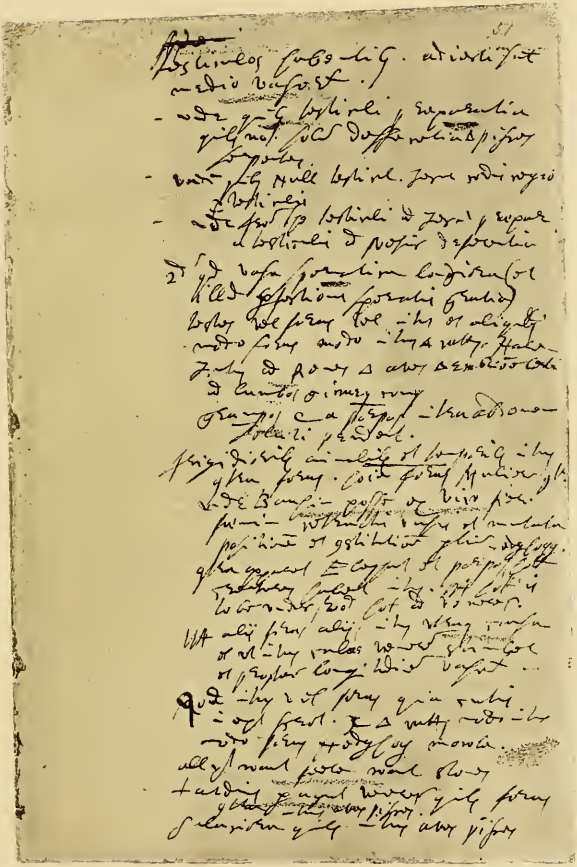
Ad 2um

partes principales generationis vt Criſt-
all in occulo quia omnibus non
ſunt. Δ analogous

nulli meatus tamen Δ lepore Avibus.

2° tanquam appendices partibus neceſſarijs
vt Ariſtoteles adiecti pendent eo modo
quo pondera textrices telis annectæ
quibus detractis meatus intro trahuntur
ideo (dicit) teſtes motum ſtabiliorem
excrementi facere
vnde in omnibus vas deferens in quibus
ſperma in quibuſdam teſticuli
pars principalis eſt quæ ſemper ineſt
viz. vas deferens.
Reliqua poſteriora vt veſiculæ
mentula proſtatæ ita teſticuli
viz. ad melius vel ſine qua non
vt palpebræ in occulis non vt Criſtal
Δ vt inſtar textorum pondera
evenly to ſtretch leſt longi
meatus intertangle. Δ. making Ropes
twining of ſilk. making bone lace
without that they would run to
gether and intertangle.
Ita teſticuli decumbent anterius
non omnino eſſe fixd vt oſſa ſed ſufficient
to ſtretch forth & yett yeald.
quia meatus turgentes retrahuntur
Δ rope maker moving as
the Rope twines
vnde teſticuli modo penduli modo
retracti. Intus foras.
vnde quibus vaſa maiori latitudine
ibi teſticuli minus fixi Δ homine Hares ratts
vbi contra Minori natibus appenſi Boare
vel intus vt Avibus. mulieribus.

"Sperma"
teſticulos habentibus adiecti ſunt
medio vaſorum.
vnde quibus teſticuli preparantia
quibus non. ſolum defferentia Δ piſces
ſerpentes
vnde quibus Nulli teſticuli Jecur cordis regio
pro teſticulis
vnde from the teſticuli ad Jecur preparantia
a teſticulis ad veſicam deferentia
ſecundum quod vaſa ſpermatica longiora (et
illud perfectionis ſpermatis gratia)
teſtes vel foras vel intus et aliquibus
modo foras modo intus Δ rattes Hare
Intus ad Renes Δ aves Δ embrione Cervi
ad lumbos ginney cony
grampos and a porpos intra abdomen
ſoluti pendent.
frigidioribus animalibus et temporibus intus
contra foras. homine foras Muliere contra
vnde Bauhin poſſe ex viro fieri
fœminam retractis vaſis et mentula
poſitione et conſtitutione partium
contra apparent Elephant et porpos Hedghogg. hott
creatures habent intus. WH hott is
to be vnderſtood hot ad venerem.
WH alijs foras alijs intus vtraque cauſa
et vt intus culas venerem ſtimulent
et propter longitudinem vaſorum
Quod intus vel foras quia cutis
ineſt ſcroto × Δ ratts modo intus
modo foras Hedghog mowle
all that want feete want ſtones
tardius peragunt venerem quibus foras
contra intus aves piſces
ſalaciora quibus intus aves piſces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Castide [illegible] quis fidei . magis:
coi [illegible] [illegible] [illegible]
[illegible] [illegible] longitudo [illegible] [illegible]
[illegible] [illegible] [illegible] in nullo [illegible]
[illegible] [illegible] [illegible] [illegible]
nulla [illegible] [illegible] Anis.

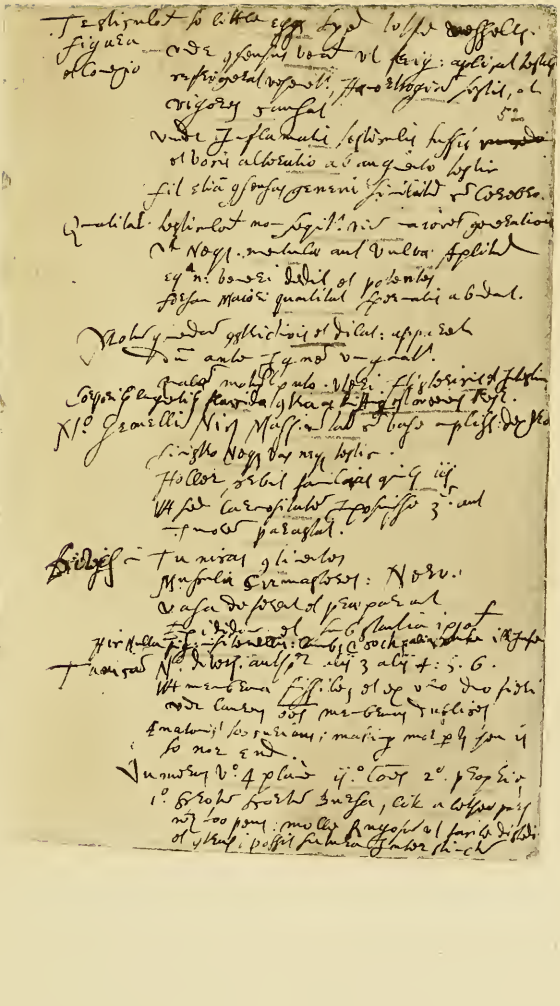
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
pondera non [illegible] [illegible].

ad 3. Sed et alium [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible]
a [illegible] [illegible] [illegible] . [illegible].
qui [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] a [illegible] [illegible] [illegible] [illegible]
[illegible]

Caſtiora animalia quibus foras. magis enim
coitu diſſolvuntur quia perfectius his
ſpermatis ſignum longitudo vaſorum ſpermaticorum
perfectius enim ſperma a multo ſanguine
plurima elaboratione Δ ſtarcheus
multa farina olei ℥j ex tot Annis
Ex his omnibus Ariſtotelis opinio quod ſint inſtar
pondera non ita ridiculoſa
Ad 3um Sed et alia Cauſa teſticuli "pros"
proſunt et concoquunt et prolificum faciunt
Δ Avibus partridg Quailes feſſants melers. Hares.
qui tempore Coitus teſticulos
redundantes ſpermate vt quibus non
teſticuli: meatus turgent ſpermate
vnde etiam lambs ſtones ſweete
contra Rames
vnde Δ homine ex vlcere teſticuli ſine
ſpermate

Teſticulorum figura et Conexio

to little eggs tyed to the veſſells
vnde conſenſus venarum vt frigoris aplicatio teſtibus
refrigerat vehementer, Hæmortrogiam ſentit et
rigores cauſat
vnde Inflamatis teſticulis tuſſis "raucedo"
et vocis alteratio ab augmento teſticulorum
fit etiam conſenſus generis ſimilitudine cum Cerebro
Quantitas teſticulorum non ſequitur vim maiorem generationis
vt Neque Mentulæ aut vulvæ Amplitudo
equæ enim veneri deditæ et potentes
forſan Maiori quantitate ſpermatis abundant
Motum quendam conſtrictionis et dilationis apparet
dum ante Ignem vnguatur
Qualem motum puto vteri Hiſtericis et Inteſtinis
Corporibus languentibus flaccida contra as knitting of weemens breſt.
Numero Gemelli Nicholaus Maſſa vnum tantum cum vaſe ampliſſimo dextro
ſiniſtro Neque vas neque teſticuli
Holler ſcribit familiaris quibus iij
WH ſed carnoſitatem Impoſuiſſe tertium aut
Tumorem paraſtatarum.
Diviſio in Tunicas continentes
Muſculi Cremaſteres: Nervi
vaſa deferentia et præparantia
Epididimi et ſubſtantia ipſorum
Hic Nullum pingue niſi tenellis: lambs and cocks alias make ill Juſe
Tunicarum Numero diverſitas authorum alij 3 alij 4: 5. 6.
WH membranæ fiſſiles et ex vno duo fieri
vnde Laurens omnes membranas duplices
Anatomiſt too curious; making mor parts then is
to noe end.
Numerus vero quatuor plane duo Communes duo propric
1° ſcrotum ſcortum Burſa, lik a lether purs
with too pens: molle rugoſum vt facile diſtendi
et contrahi poſſit ſutura Interſtinctum



WH in paracentesis vitanda pars
propter malam symptom. vel tendo. [illegible]
vel difficilem consolidatt. dolor [illegible]
[illegible] Not: Io: [illegible].

Scrotum fit ex cute et cuticula
tenuior laxior mollior absque pingued.
quod rugas contr. sed ita ubi a
raro subcutan. corporal. [illegible] Colomb: [illegible]

Dartos [illegible] 2 [illegible] facile separat. ab alio
portio panniculi carnosi
carnosi fibris, absque pinguedi.

Elytroides vaginalis prima propriet.
like a long scabbard [illegible] grosser.
for Noblis point down
[illegible] Historia
[illegible] [illegible] scarificare vel
consolidare vel ligare.
Compartit. [illegible] dartos Carnosi fib.
[illegible] quod obdurit.
[illegible] abundans [illegible]
[illegible] Numeral. [illegible]
[illegible] [illegible] [illegible]
Hunc fibra carnosi [illegible] mora.
[illegible] [illegible] [illegible].
[illegible] tunica vasa testis [illegible]
[illegible] [illegible] aliquando
pinguedo [illegible] vasa [illegible]

Albuginea propria [illegible] testiculos
[illegible] a [illegible] alioqui
[illegible] valida [illegible] testis [illegible]
mollis [illegible]
[illegible] Nova [illegible] Epidid. [illegible]

NB in paracenteſi vitanda Raphe
propter mala ſymptomata vt tendonibus muſculorum
et difficillime conſolidatur dolor ingens
et gangreynam Nov: Jo: Seiton.
ſcrotum fit ex cute et cuticula
Tenuior laxior mollior abſque pinguedine
quam cæteris locis. ſed ita vbi a
carne ſubiecta ſeperatur as in Elboe : ſep :
Dartos the ſecond coate facile ſeperatur ab alio
portio panniculi carnoſa
carnoſis fibris, abſque pinguedine.

Eluτροιδες vaginalis prima propriorum
like a long ſcabberd peritonei proceſſus
huc Nectitur point d'ore
huius relaxatione Hernia
vnde curare eſt hanc coarctare vel
Conſolidare vel ligare.
Conectitur exterius darto Carnoſis fibris
Intus humore aqueo obducitur
veniſque abundans Hinc
pro duobus Tunicis numeratur quibuſdam
Quia diverſa conſtitutio intus et foras.
Huius fibræ carnoſi muſculi more
teſtem retrahunt vt in Canibus.
vſus huius tunicæ vaſa teſtibus et inter ſe
conectere in quo WH tanta aliquando
pinguedo vt ſeperare vaſa non potui

Albuginea propria maxime teſticulorum
oritur a tunica vaſorum ſpermaticorum
Alba craſſa valida vt teſticulorum ſuſtantiam
mollem colligere firmare
De iſtius Nomine controverſia alij enim Epididimin × appellant

Muſculi Cremaſteres ſuſpenſorij ; vtrique oblongus
et teres " ab "
oritur ab oſſis Ilij vel ligamento valido
quod a ſpina Ilij ad oſſa pubis procurrit
vbi muſculi tranſverſi finiuntur quorum
tanquam partes iſti videntur et
per tendinem obliquorum foraminum egrediuntur
Extrinſecus iuxta inguina vaſis ſpermaticis
Teſticulorumque capiti adnaſcuntur
Veſſalii Tunicæ elutroidæ.
" Oriuntur " Aliquando ab oſſis pubis Interiore
fibræ carneæ his communicantur
vnde geminus (vti ſimijs) videtur ortus

Nervus a 6ti paris qui prope radicem coſtarum
of all creatures Ratts have theſe partes moſt
playnely delineated and curiouſly made
vnde puto tam potentes generatione
vnde non oriri putredine vt vulgò
Quia Natura nil facit fruſtra : præcipue tam eleganter.
Vaſa præparantia inſeruntur teſticulo
vbi arteria et vena vnum corpus efficiunt
piramidale, ab Innumeris arteriarum venarumque
ramulis per anaſtomaſin iunctis, quibus intertexitur
plexus conſtituitur Corpus varicoſum
pampiniformis a forma
Hic color alterare at materiæ tranſmutari
" A " In a ratt like Infinit little gutts
Abhinc per teſtem deſcendunt Non WH tamen Avibus tempore Coitus ingrediuntur
Inde Rurſus ſurſum in orbem revoluti
Capreoli formam referunt
vnde paraſtati Herophilo
Abhinc vaſa deferentia originem ſumunt.

[illegible]

[illegible] obliqui obliqui.
[illegible] ab ossibus ilij bolligamento laxido
[illegible] ilij ad ossa pubis pertinent
[illegible] musculi transversi pinnis. quod
[illegible] ilij videntur ob.
pro tendines obliquorum praeter egredientes
[illegible] musculorum basi [illegible]
[illegible] et capitis ad musculos.
[illegible] musculi eluitoridis.
[illegible] ilij ad ossa pubis [illegible]
[illegible] vide gemini obliqui ilij videntur oblique

[illegible] a ossibus pelvis qui [illegible] vadit versus
os [illegible] [illegible] [illegible] [illegible]
[illegible] dolium [illegible] [illegible]
[illegible] pelvis [illegible] [illegible]
[illegible] non oriri publicis ut vulgo
[illegible] [illegible] [illegible] plerique [illegible]

[illegible] paranalia in [illegible] [illegible]
[illegible] [illegible] [illegible] corpus [illegible]
piramidale ab [illegible] oriri arbitrantur
[illegible] [illegible] [illegible] [illegible]
[illegible] corpus vasis [illegible]
pampini [illegible] a forma
[illegible] color albicans ad materiam [illegible]

[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
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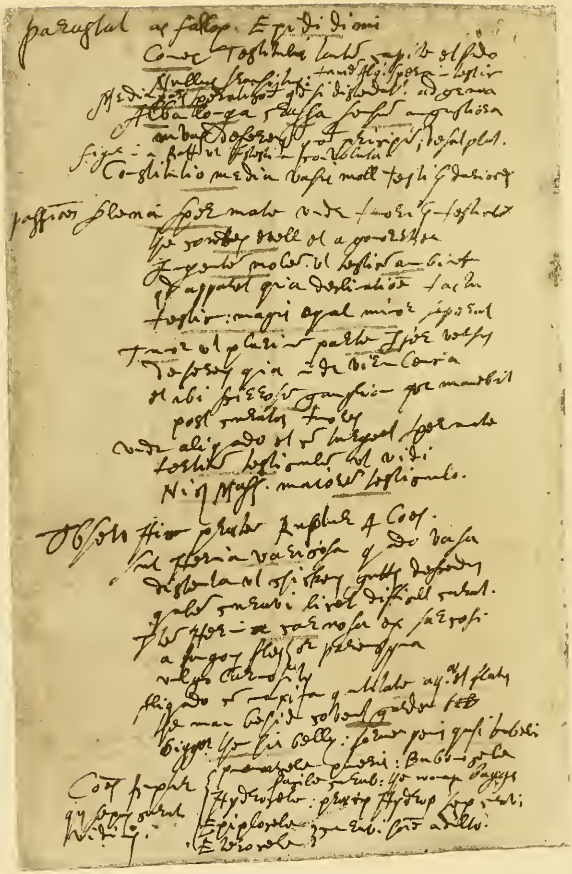

Paraſtati as Fallopius Epididimi
Conexi Teſticulis tantum capite et fundo
Nullus tranſitus: tamen Aliquibus ſperma in teſticulos
Media pars ſpermaticorum quod ſi diſtendatur ad genua
Alba longa craſſa ſenſim anguſtiora
in vas deferens quorum principium; Veſalius Plater
figure in a Ratt vt Inteſtina Convoluta
Conſtitutio media vaſis molliores Teſtibus duriores

Paſſiones plenæ ſpermate vnde tumoribus teſticulorum
the cowttes evell et a gonorrhea
Ingentem molem vt teſticulos ambiunt
quod apparet quia declinatione tactu
teſticulus magis æqualis minor ſeperatus
Tumor vt plurimum parte Inferiori verſus
deferens quia inde virulencia
et ibi ſcirroſum ganglion remanebit
poſt curatos tumores
vnde aliquando et cum turgent ſpermate
tertium teſticulum vt vidi
Nicholaus Maſſa Maiorem teſticulo.

Obſervatio Hic præter Rupturam quatuor Communes
ſunt Hernia varicoſa quando vaſa
diſtenta vt Chickens gutts deſcends
qualem curavi licet difficillimam curationem
Item Hernia Carnoſa ex ſarcoſi
a fungous fleſh or parenchyma
vulgo Carnoſity
Aliquando cum maxima quantitate aquæ et flatus
the man behind covent garden "bil"
bigger then his belly: forme penis quaſi bubeli

Communes Rupturæ quas ſæpius curatas vidimus.
- puerocele pueris: Bubonicele facile curavi: the woman baggs
- Hydrocele: præcipue Hydropſin ſæpe curavi
- Epiplocele, Eterocele } curavi homine adulto.

Subſtantia vel caro teſticulorum Alba mollis
pappy wheyiſh glandulus, curdy
rarior laxior craſſior paulo cerebello
Ratts like a bottom of threed
plitted together infinitis plexibus

Temperatura diverſitas Authorum
WH frigida quia exanguia
ſubſtantia glanduloſa lactea
tam ſimiles cerebello vt Galenus ex
eadem materia factos
obſervatio: Quomodo concoquunt?
reſponſio vt mammæ lac calore Influente
Humidæ etiam quia molles laxi
vnde Humidum ſpermaticum ſuſcipiunt facile
et detenentes humectantur.
Dexter calidior ſiniſtro, vnde mares
ſed × Ariſtotele ligato dextro genuiſſe mares
WH Mas a vigore ſpiritus higher ſett
vnde baſtards brave men
quia magno fervore geniti vetito concubitu
vnde Diogenes Ebrius te proſeminavit pater
vnde Admiſſarios deducunt vt maiori
deſiderio flagrantes melius impregnarent
vnde non ſolum hæc ſed Ariſtoteles aeris conſtitutio
vnde Ariſtoteles intus auſtrius progenuiſſe fœminas
vnde Horſcopus ſi partus proportionalis
Quibus calidi teſticuli magnitudo pili pube et ventre
et venæ magnæ in ſcroto libidinoſiores et potentes
vnde Hirſuti ventre libidinoſi vt aves: contra
quibus Humidiores Cocto ſeminali humido prolifici magis
ſicciores Barren.

Sublimia vel parvo humiliat Alba mollis
Pappy crescit glandulis, ovis
Vas lac reddit parvo vorabello
Rattus liber a vitio est hominis
Plitted legatur similis gloriae

Temperantia dicit Autor:

Ut frigida quia aegritudo
Sublimia glandulos: lucibus
Tam similis vorabell et Gulae et
Vasis materia fabrae

Ob: Quando non vegit?

Resp: Ut mane cum calore Jejunia
Humilia odit quia mollis lacti
Vide Humilis formalis sufficit facile
et debentur conclusi.

Hoc est: Solitus sit ipse vide malus
Sed Avis: Cigalo dic gemisse malus
Ut Mal a digere Jejunium Lactis
Vide Castrati ovium
quia magis sorore gentis solito solitus
Vide digere Equus de glandibus patris
Vide Asinus de vino et maioris
Desiderio flagrantes nolis in regalis
Vide non solum per se sed: adhuc qui Libio
Vide Avis: Tibi autem quia quis
Vide Ho propter et patris et publicae
Qui solid Loquitur: magnitudo pilis gaudet et lotus
et vera magna Lectis Lib. Gaudet et potest
Vide Philosophiae Lib. Disciplinae albae: gla
quia Haeresum.

Vesica urinar. blaser. blown up
spondylos. malule rotyd
vide urinaly. ende forma

Hoc Qualitate Carporis
qui ceby potat, insu urinal dig. Volkir
Cator
virgin. virginis. d. Calculi. plog.
vesic. Wt lo.
Christofer
Nur vbrinij (et, sliffe do)
Or vomiting. Cc. Gearing the fifty
ofendi potatt.

Fig. Co-gata nostrow. Cc. Nurbow. ad poller
Vbry
Vrinal vessel of the liver of the Wt
post Apoplex: d. fr Christ.
Em liver liquid tuo, vessel of dusler
plus-sanglier, vbl. Christe
Fastlaff, Cc, falser of liquibus oy
qa albria salmly fil
Their supiff. d. vessel
Aliquando Ella Lin oy vl. Ebbli no potat
Ende albria, sive lasta vide ost
vrina a: vel liquibus. vessel of albria oy
ad sepsy
Albrigo
albria ol.
ruff sepsy
Ll. Wt
podes pulti: lo a bossell roll rudy
vide vide vrin urinal.
Fuga Gravelly fuse Cc, mulb
all sififf. rotundy. yellow.
Ende vno Calculy yendat. q. vitrial
Alum sal potus of. q. fuge stuff of
as will will fur yr bossel nil lasta
mater alt nostr fort. slow fuig.
v. de gat Habily lalis, vbent vrina calculi habua
Christo of vito g. Esp. calculi posui.

Veſica vrinarum blather: blown vp
ουριδακος natula corporis
vnde vrinal eadem forma
Homine quantitate largiori pro proportione
qui plus potat vſu enim vt dixi ventriculi
Communiter Δ virgine duplicem veſicam WH lord Chicheſter dilatantur partes

Nam vberius (as children doe)
by rowling and breaking the fibres
extendi poteſt

figura Concava narrower and narrower ad collum
vſus Vrinam recepit et detinet et emittit
poſt Apertionem ad Arbitrium

Vrina licet liquida tamen, terreſtrem et aduſtam
partem in ſe continet, vel vt Chimiſtæ
tartarum et ſalſum vt lixivium ex
qua materia calculus fit
Hic ſæpiſſime reperitur
NB Aliquando intra tunicas vt evelli non poteſt
Eadem materia ſive tarta omnibus eſt
vrina enim vt lixivium: coperas or Alome aqua
heat and putt into a veſſell will candy
vnde ſerpentes Aves duplex materia et craſſa ſuperat tenuem WH vnde omnibus vrinis eijciunt
ſuch a gravelly furr and cruſt
all piſſing corners. yeallow.

eodem modo calculus generatur quo vitriol
Alumes ſalpetræ &c. et quo ſugar candy et
as will will fur the veſſel with tartar
"water" att Wether feild: ſtony ſpring.
vnde quorum Habitus talis vt eorum vrina tali materia
ſacile et cito concreſci calculum procreat.

Hippoſtaſin puto ex eadem materia propria
quia vbi Alba levis equalis
cum figura acuminata ibi nulla ſabulo
et vbi ſtore of gravell ibi aut deeſt aut
depreſſius cum multis attomis et Arenibus volatilibus
ſticking to the ſide
et WH Δ vt Hypoſtaſis declinat ſabulam
maius et "contra" falling to the bottom
contra Hypoſtaſis maior &c vt attomus et ſuſpenſſus
Aliquibus non ſolum ſabuloſa materia ſed
Calculi tum veſica tum Renibus
nec non venis. Jecore.
Columbus Ignatio generali Jeſuitarum
in veſica vretere, Renibus colo venis Hæmoroide
etiam vmbelico bilis veſicula

Subſtantia Membranoſa alba Nervoſa
ad robur et retentionem
vnde vulnerata non conſolidatur
excepto collo vbi quotidie ſectione
vidimus: præcipue pueris, torn not "Rent" cutt
ſuperficies Interior leviſſima ſlippery
WH vidi exulceratam: "vrin" et quia Nervoſa
ſlimy waters, as vlcers of the Joynts
vnde vrina Alba Aquea multa as whit of egg
WH vidi exulceratam lue venerea per totam
internam regionem per Annos Rene intacta cui
veſica craſſa carnoſa vt matrix
intus like vnſhorne velvet livid ſphacelatous
vrinis fœtidis confuſis purulentis

Hippoglossus pars est cardo maior pisci
quia ubi Alba ubis aquali 55
et figura arenosa ibi nulla fabula
et ubi ulva et gravella ibi ad [illegible]
[illegible] et [illegible] et [illegible]
[illegible] [illegible]
et [illegible] et Hippoglossi [illegible] fabulae
[illegible] et [illegible] [illegible] [illegible]
quia Hippoglossus [illegible] et [illegible]
Aliquid non solum sub [illegible]
Calonulli [illegible] [illegible]
[illegible] [illegible]
Colubri Jgnaho [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

Substantia membranosa alba [illegible]
et robur et [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

Superior [illegible] [illegible]
[illegible] [illegible] quia [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
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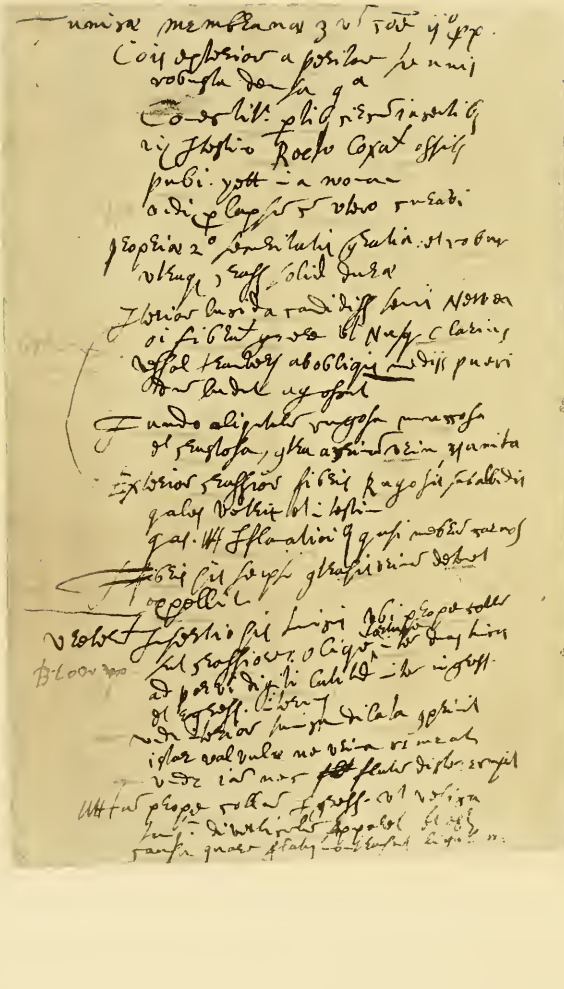


Tunicæ membranaceæ tres vnum commune duo propriæ
Communis exterior a peritoneo tenuis
robuſta denſa qua
Conectitur partibus circumiacentibus
viz Inteſtino Recto Coxarum oſſibus
pubi. yett in a woman
WH vidi prolapſum cum vtero curavi
propriæ duo ſecuritatis gratia et robur
vtraque craſſæ ſolidæ duræ
Interior lucida candidiſſima tenuis Nervea
omni fibrarum genere vt nuſquam clarius
Veſſalius tranſverſa ab obliquis medijs pueri
dum ludunt agnoſcunt
Fundo aliquantulum rugoſa muccoſa
et cruſtoſa, contra acrimoniam vrinæ Munita
Exterior craſſior fibris Rugoſis ſubalbidis
quales ventriculus et inteſtina
quas WH Inflamationibus quaſi membranæ carnoſæ
Fibris his ſe ipſum contrahit vrinam detenet
expellit
Vreterum Inſertio his tunicis vbi prope collum
ſunt craſſiores oblique tortuoſe inter duas tunicas
ad parvi digiti latitudinem inter ingreſſum
et egreſſum interius
vnde interior tunica dilata comprimit
inſtar valvulæ ne vrina remeat
vnde iam nec flatu diſtenta erumpit
WH tam prope collum Ingreſſa vt veſica
tanquam diverticulum Apparet et eſt
cauſa quare flatus non tranſeat. ligatur enim

Collum veſicæ a little torning ab Interiore
ooſſis pubis ad radicem virgæ et inde
ad ſumitatem penis
vnde rectum ſyphone difficillime Inmittitur
Hic ſectio pro calculo perineo fit

Riolanus valvula ſigmoides in oreficio WH Cave Cathetoris Inmiſſionem

Muliebribus brevior latior
recte deorſum protendens exit ſupra
foramen vulvæ.

Muſculi a figura ſigmoides Σ ab vſu ſphincteri
fibris carnoſis partim tranſverſis partim
Rectis ſuperioribus
ſupra glandulas proſtatas dictas et
ad principium veſicæ
vnde exit ſperma nec profuit vrinæ
WH Immo difficile tenſo pene Emitti poteſt
quia proſtatæ dilatæ comprimunt.
vnde hoc Muſculo reſoluto profluvium vrinæ
et labefactato Incontinentia vrinæ
vnde a ſectione pro calculo, mictio Involuntaria
Muſculum tranſverſum latentem hic videre

Veſica aliquantulum veſicam elixare
Cocta inter fibras rectas tunicæ exterioris

Bauhin Muſculum × pro ſphinctere infra glandulas
fibras tranſverſas carneas videbis
canalem orbiculariter cingentes
Quia tum cum ſemine vrina proflueret
WH tamen ego et excretioni vrinæ inſervire
vnde the laſt of the vrin ſpirted owte

Collum vertebra a little lower ab thorax
vertebri pubis ad radices vertebrarum et de
illis similiter premit
vide vertebrae spinalis dictum fuit

Kiol: vertebra
Sternum
Thorax
Ut ante
Costae

Hic pectus et valvulo pectoris fit
Sternum idem Manubrium Corpus Ensiformis
vide thorax et tabula vide supra
versus Jugulum [illegible] valvulae.

Musculi a figura Hymoidis et ab usu sunt
fibulae tarsi pedis plus transversae pedis
Recti superiores
supra glandulas prostatas ductus et
deferentes vasis
vide ocul. pectora non et fuit vena
Ut ante dictum tabula pecten fibulae pedis
quia pubis dicit pecten.
vide per Musculo resolut. et flexio vesicae
et cervicis tabula Intestinalia vesicae
vide a pectoris et valvulo, ritio pubis
Musculus transversus latus utrum sit videbis
aliquando vasis aliquando
inter fibras vesicae transversae et posteriores

Cuc

Rectus Musculus X et posterior vere ipsa glandulae
fibrae tum pectoris ad radices vertebris
radiales obliquae tertiae oriuntur
quia tertia vesicae glandulae
Ut tamen ego et anterior vesicae pectoris
vide pectoris et ipsa vesicae fibrae

Meatus

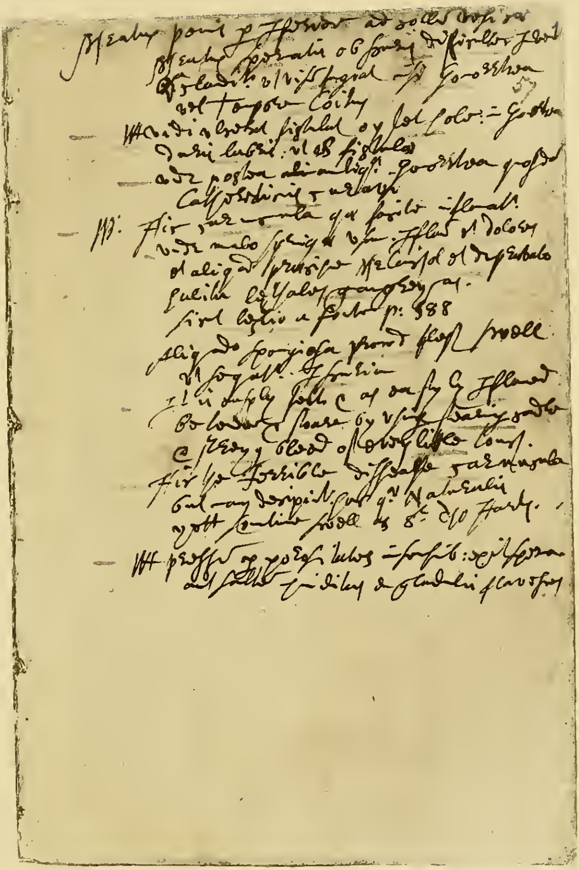
Lincoln.

Meatus penis vt veſica prolongata ad finem virgæ
or rather vreteres prolongati veſicæ diverticulum
vnde *ουρηθραν*
Situatio ſub corporibus penis in Medio: Inferius
a glandula in veſicam
vrina Via Communis vrinæ et ſpermatis ſed Veſalius
Juvene legiſta Forolivienſi duplicem canalem
alterum vrinæ alterum ſpermatis
Arabes duos Meatus: quod forſan tum temporis
vt plurimum quod meiunt Raro
WH melius eſſe puto vnum meatum vt
a coitu ſperma putreſcibile et forſan corruptum
proluat vnde Turce ſepe lavant
vt Meretrices Venetæ ne inquinentur

ſpermatis longior viro quam fæmina Inmiſſio ſpermatis
et quo longior voluptas maior vt gula
vnde pars principalis penis Canalis
et reliqua omnia huius gratia
In glande paulo Ampliore vbi pu=
rulenta materia colligitur Coitu et
Gonorhea materia cunctatur
Reflectitur hic et hic ꝛ vbi materia cunctatur
et lentore adhereſcit vnde his tribus
partibus: viz: glandis fine hic et hic vlcera
et dolores

Senſus. vlcera enim vel caries maximo dolore
quia exquiſitiſſimus ſenſus
vnde maxima voluptas coitu
et rigor ab emictione
vlcerat long ſcratches quale in a Rat vitro
vnde curatis long thridds materia ſiccat

Meatus penis per Inferiorem ad collum veſicæ
Meatus ſpermatis obſcurus difficulter Invenitur
Quia clauditur vt viſum fugiat niſi gonorrhea
vel tempore Coitus
WH vidi vlceratum fiſtulatum eylet hole: in gonorhea
duris labris: vt os fiſtulæ
vnde poſtea "ali" antiqua gonorrhea quoſdam
Cathereticis curavi
NB Hic caruncula quæ facile inflamatur
vnde malo ſyringæ vſu Inflamatio et dolores
et aliquod præcipue Melancholiæ et depravato
habitu lethales gangreynas.
ſicut lectio A Fonte p: 588
Aliquando ſpongioſa prowd fleſh ſwell
vt ſequatur Iſcuria
It is eaſyly felt and as eaſyly Inflamed
be tender and ſoare by vſing ſearing candle
and ſtreyning bleed of every little touch.
Hinc the terrible diſſeaſe caruncula
but many decipiuntur hac quæ Naturalis
yett ſometime ſwell as Sir Thomas Hardy
WH preſſum per poroſitates inſenſibiles exit ſperma
aut ſaltem humiditas e glandulis flaveſcens



Veſiculæ Anfractuoſæ varicum inſtar
figura apoſſitæ deferentibus: vt primi concepti ovorum galinis
ratt, like a "lim" little cocks=combs
conexæ veſicæ
vnde quoſdam cum voluptate ſperma
in veſicam eiaculaſſe per diapediſim et enixiſſe
vnde omnibus a coitu vrinæ turbidæ.
vſus ſeminis coarcevandi vt aliorum excrementorum receptaculum
vt tempore coitus in promptu ſit
"et forſan perficiunt ſperma"
Riolanus veſiculæ
compreſſæ equitatione
cauſa ſterilitatis
Scythis
vnde Ariſtoteles tauri execti genuiſſe
vnde omnes ſecundum numerum horum toties Coire
probabile eſt 6 vel 8.
ſome luſty Laurenc will crack &c. 12es.
but few pas 3. vna Nocte
or is it poſſible can gett above
or ij with Child vna nocte
Exemple Turcæ:
forſan et perficere ſperma non enim
ſimpliciter Teſtes prolificum faciunt
ſed deſcenſu ſpiritus: et calore.
vnde 2a vel 3a forſan in prolificum
ſicut puerorum et ſenum:
vnde Nec Mulierum ſperma fœcundum
ſed vt puerorum Inprolificum &c.
Numero multæ dicuntur × ne putrefiunt ſed difficillime
forſan ne calore concreſcant
vnde egeſtione granulatim exitus
abſque venere vnum coctum: great purs: Moul May 3°
vel ne vno concubitu exeat totum
Varolus ſi Alteros teſtes minores vel proſtatos
comprimas nil exit ſed ſimul veſiculas
et proſtatas exit per canalem inſtar lactis
Materia hic contenta puto ſpermatis
quum ſpiritus deſcendens ſpumare facit
vnde Venus Aphrodite
Qualis materia circa teſtes Mulierum flaveſcat &c
Veſſalius cauſa Histericorum qualem WH Emiſſionem coitu

Tamen Bauhin et alij putant contra
humorem huc vt Illinetur meatus ne acrimonia
WH Contra: duo enim humiditates
1° Quia Ratts and monkeys ſeperantur Moule Intus hæ foras
proſtatæ "interius" glandulæ exterius
Interius like a cockcomb plena ſpermatis
proſtata glandula in fœmina Ratt tam magna vt
pro teſticulis exiſtimavi fuiſſe Hermaphrodite
vnde et quia ſimillima "alli" alijs glandulis
puto vſum aliarum glandularum humiditatem recipere
to ſuple ſlipper and defend ab acrimonia
2° ipſa in veſiculis materia eadem conſtitutio
qua ſperma in terra lapſum refrigeratum
hic ante adventum ſpiritus ibi: evaneſcit
eadem plane quæ Gonorrhea vera.

Glandulis vero Aqua limpidiſſima e
quibus abundans Gonorrheam Impoſuit
præcipue ſalacibus vnde Galen
venerem titillando excitare
vnde ſalaces huius humores tentigine
ſepiſſime genitalia contrectare ſcalpere viſitantur
Hic humor in cauſa ſatyriaſis puto
et cum Rondeletio piſſe chaude. Burning
aut abſumpto vel putrefacto
dubium An Muliebribus aliud ſperma: quod Ariſtoteles
loci proprium contra eos qui ſperma
fœminas afficit tentigine: Immo furore vteri
fœminis putreſci male olet et ſpumam Albiſſimam
ex motu facit agitatione et ſordes vt hominibus
Abundans etiam Gonorrhœam Ementitur
vel fluoris Albi tumores
Iſtius odor indicium ſalacitatis Animalibus
et ſanitatis in fœminis

omnibus ſordes facit vnde forſan
pſylotra et circumciſio
ſimiliter eſt muccæ inteſtinorum vſu et odore

Situs proſtatæ ad collum veſicæ bimæ
glandulæ Infra muſculos
vbi deferentia vniuntur tanquam in Teſtes
WH forſan his Analogi Mulierum teſtes
quibus magis ſimiles quam Teſticulis
Ab his Ruffus aijt Eunuchi
e glanduloſis fiſtulis ſemen quoddam
Emittunt ſed infecundum
vt puto Mulieres. WH

Membrana quo defferentia involvuntur
denſa tenuiſſima
Meatibus compluribus cæciſque ſpiraculi pro vice
ex quibus Humiditatem tanquam argentum
vivum ex corio granulatim exprimi
viz. compreſſis ſimul veſiculis
Omnes Meatos Genetalium laxatos Gonorrhœa
vide Veſſalium
Hic WH plurima calloſa fiſtuloſa vlcera
quoſdam curavi
ex quibus pus in veſicam in Anum
ſi vlcera coroſiva ſerpentia
Magno hic vlcere a friar
vt tabe Maraſmo mortuum WH. Δ.
Vlcuſcula antiquiſſima cum exitu puris per penem
Alba levis et equalis
Nicholaus Maſſa his abſumptis Ardorem vrinæ.
WH peſſimum ardorem abſque exitu puris: ab exciccatione
vt lingua enim abſque humore Inflamatur. chapped: ſore

Mentulæ varia Nomina penis a pendendo: virga
20 greca nomina 16 latina apud Laurentium
ſignum fœcunditatis gignendo ſibi tot nomina
Situs convenientia Inmiſſionis ſpermatis in vulvam
Medio corporis quia ſine coniuge
" ſeminis " pubis oſſis parte priori
foras dum intumeſcit vt Aparet equis
retracta vero intus a venere
WH retractam valde ſupreſſio vrinæ et
Hydrope et Hernia
retractam frigidius Adeo vt quidam
exiſtimant Homines in Hermaphroditen
vel feminas degenerare poſſe
WH puero patavij canibus morſu: poſtea
retractum, vt dicunt Eunuchos ſolere
like a monkey ij ſtones and noe yearde
diſtendi ſolo in et ante Coitum non ſemper
Impedimento enim alias vt manum ſemper gerere tenſum
Ipſa enim tenſione ſpiritus diripiuntur: corpus Imbecillum
vt priapiſmo facile Corpora langueſcunt
exhauriuntur et contabeſcunt: ſpiritu enim turgent
Figura omnibus Notiſſima
longitudine et craſſitie differt tum hominibus tum Animalibus
proportionatur longitudine " cervici " vaginæ vteri
ſic etiam craſſities et rectitudo
WH puto præſtat craſſo tereti et longo: calidum
quia Ariſtoteles quibus longus nimis Infœcundum robuſt
quia refrigeratur ſperma p: 613
contra Medici curtitas penis pro morbo.

Ecclesia varia Nova per a predecessore: Vigan
20 ecclesia Nova 16 Colonia apud Cuskel
Signa fora vel ingressus sibi vel Nova

Situs Joriol Fissiori Sorel i Vulsor 59
Medio corporis qui sine coniuge
~~[illegible]~~ offri pro gratia
Forey d i in mensil vel Aprel ex
valvula ad intus a bowe
Et valvae ad ligatis vinari vel
Hydropo. vel Forea
valvae fingidi Adio vel gidow
ex ligna vel Forei i Forcipedil
Et pina degorrer pegh
Et pedo palatii ranis morsu: porta
valvae vel vivel Emery Sober
Rit a mo-hy iglowra mor yard
Vigilent solo in vel ab Coitis mo-hy
Ex vidua n: alia vel ad hy gorrer lorh
Fossa n: lo-hiot Hirtly de Ripard: Ex Ebor
vel ~~[illegible]~~ ex Fovile rogura longest
de Eurant: vel gla Bosual: Hirtan n: lurgel

Figur. ad Nolissa.
Longildin vel Sufficid differt Coitis Et alij
ex pollio vel Longildis ~~[illegible]~~ gin blein
in vlind sufficid vel vero in lido
Et pedo praesul, Sufficid Berli vel Longo: Calid
gia Aust q G Long: Hi in Hoor rosa
gia in vesiporell Sor ma
gia Mosir Gulielmi Sor in q Hiis

Galba maiores, [illegible] fabricia, [illegible] 6d6
[illegible] Aliquot [illegible], [illegible]
et [illegible] Ffrigidulis, [illegible]
[illegible] Ffilios [illegible] [illegible]

Ang. [illegible] [illegible]
[illegible] [illegible]
[illegible] Qua [illegible]

[illegible] Eccles, et [illegible] Egi
[illegible] [illegible]

Achio [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

Dividit [illegible] [illegible] Ecclesiis
[illegible]
[illegible]

Dis. [illegible] [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Galen maiorem coitum Abſtinentia de locis 6 et 6
contra WH vt Athletarum ſtatuis ſtatuarij obſervant
et ſenibus Infrigidatis valetudinarijs retractam
NB WH Equilibrium quanto pendent teſtes mentula retracta
Augmentari pueris palpando Mulierculæ
longior futurus diſſecant vmbelicum obſtetrices
An WH Quia intro "trha" trahitur cum veſica: ouraco
Movetur Erectus et ventrem percutit vt a mictione equi
ſpiritibus intro compulſis: blow a glove.

Actio fœminas ſubagitare fortiter et rigide
ſenſuque titillationis: genituram perlectare
et in vterum eiaculare
vnde ijs Animalibus qui ſpermata fœminea inmittunt
Snayles Cockles viciſſim alterum alteri Imponunt
et glutinoſum valde immittunt
vnde aliquibus animalibus non eſt
quia in mas vteri particulam Inmittunt
Bombices papilliones et calorem Corporis conſtituunt
Dividitur prio in partes ſuperior σημα quod Erigitur
Inferior υποσημα: yeard prick pintle
and rote of the yard.
Diviſio partes ſunt Cutis Cuticula et
Membrana carnoſa vel nervoſa
Caro nigra ſpongioſa intus
Glans et eius membrana: venæ arteriæ nervi
Muſculi. Canalis de quo ante WH
Diviſio in dextram et ſiniſtram duplex enim et duobus Corporibus

Cutis tenuis laxa flaccida abſque pinguedine
ſwelled like pudding Hydrope.
præputium aliquibus regionibus omnibus reliquis circumciſis
W' puto propter lepram
quia calidis regionibus plurimæ ſordes
vnde Turcarum lotio. et Meretrices Venetæ
Circumciſi aliqui a Natura: Circumciſionis Modus eſt
contra alijs glans nunquam detegitur phimoſis paulo
aliquando coherens glandi vncuttable
Aliquibus frenum. ſignum virginitatis paraphimoſis
proportionali Hymeni virginum
Romani ne ſervi ſubagitant fœminas.
Infibulandi Ratio vide Celſum p: 667.
W. Circumciſi minore voluptate in Coitu afficiuntur
quia Incraſſatur membrana. obtunditur ſenſus.
Glans Ambitu truncum excedens Corona dicta
exquiſitiſſimo ſenſu vnde ſperma perlectat
et pueris et tenellis mollior et rarior
vnde maiori voluptate afficitur
et citius læduntur impuro Concubitu
WH Novi ſufficientem ad coitum glande ablato Patavinum
WH compreſſum (in erecto) albicat deinde rubrum
Inflatum efficitur
Membrana tenuiſſima Canali interiore continua
W phoca longiſſima et teres admodum
like a polipus narium Coriacea fiſtula
Membrana carnoſa Nervea robuſtiſſima
ne ſpiritus cito diſperdatur
Canibus lupo Muſtela giney cuneys oſſeus
ſeu horum tota mentula oſſea W a pretty bable
lord Cary a whale as big as his middle
Homine Nervus excavatus coriacea fiſtula

Cutis tenuis longa flagrida abst. ping.
[illegible]
pro gutis aliq. vigrang. [illegible] valig. [illegible].
W. pulo [illegible] lopthus
q. a valid vagrang. [illegible] [illegible]
[illegible] Collio. et [illegible] [illegible].
Cirurgi. aliq. in Nuchae: Cirurgi [illegible]
[illegible] aliq. [illegible] dolorgill. [illegible] paulo.
aliq. [illegible] [illegible] [illegible]
Aliq. [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]
Roma [illegible]
J. [illegible] Bullo di: Coll. f. 667.
W. Cirurgi [illegible] [illegible]
[illegible] Portugal. [illegible] [illegible].
Glans [illegible] Corona dicta
[illegible] [illegible] [illegible]
et [illegible] et [illegible] et varior
[illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible].
Wt Not. [illegible] [illegible] [illegible] [illegible].
Wt [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
W. [illegible] [illegible] et [illegible] [illegible].
[illegible] Coriaceo [illegible]
[illegible] Norwal [illegible]
[illegible]
Cang. [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

bipartitum dextrum et ſiniſtrum
oriuntur ab inferiori oſſis pubis parte et
ſuperiori coxhendicis propter ſtabilitatem
Infra ad exortum diſſident ſicut digiti duo
ſic vt canali "circa" veſica locum det

Carne intus ſpongioia "Nigricante" ad ſpiritu Inflantes
ſuſcipiendos vt ſpongia aquam
ſimile lieni Nigricante
Qualis etiam ſubſtantia Canalis
et Qualis vagina vteri fœminei
NB WH Hic flatus diſtendentes priapiſmo
WH Forſan a carne ſpongioſa nigricante
apta genetalia tum viris tum fœminis Cancris
vnde Du Val Barbitonſor deceptus Nigredine huius
carnis cancro cum magno dolore abſtulit
De Muſculis in Anatomia Muſculorum WH

Thorax a perpetuo motu vel ſaltu
vſus has partes contentas servare: et Muſculis et
ſcapulis fulcrum

Galen quatuor vſus propter { Cor
pulmones
reſpirationem
vocem

Figura in homine more flatter quam cœteris Animalibus

Animalibus pectus Carinatum vt { Simia
Cane
quibuſdam hominibus who
out chefted

Natura illud profunditate
ſupplet quod latitudine habere non poſſit

Cauſa. Quare Rotundum (carendo angulis
minus externis obnoxium Iniurijs)
potius querendum cur alijs animalibus non eſt
rotundum. cum ſecundum Naturam magis vt
arboribus cœlo Brachiis tibea
ergo alij longum quibus corpora
longa vt ſerpentibus Curculeone
Alij prominens vt pedes ſint con-
iunctiores vt greyhownd
Avibus carinatum as the ſhipp keele
tanquam pes to ſitt on decumbere et
vt ſit firmitudo muſculis alæ volatilis
in ij maioribus vtilioribus
Homine firmitudo Muſculis ſcapulæ et Brachiorum Abdominis

Quantitas reſpondet Calori: vnde ſignum
omnibus animalibus copiæ caloris, animoſitatis
audaciæ.

vnde pectus { equis Brode Breſten
falconibus hawkes
Nares ample { Imperatores Suetonius latis humeris
greyhound deep cheſt

Thorax a pectore fino ombelico vel fabula
vel ut qui ipse ro-bolum format = et Magnitudo et
Capitis [illegible]
Galen 4 de [illegible]

figura in quibus [illegible] flatter qui [illegible] pedes
[illegible] pedes cubitatur et [illegible]
Nat. illud [illegible] [illegible]
[illegible] qd [illegible] [illegible] non possit.

Cus. Quare Rotundus (quando angulis
minus [illegible] [illegible])
potius quoad [illegible] aliis [illegible] non est
rotundus. et [illegible] al magis vel
arboribus [illegible] [illegible] [illegible].
Ergo alis [illegible] [illegible] [illegible]
longa vel [illegible] [illegible]
Alis quinque et pedes [illegible] [illegible]
[illegible] vel [illegible].
Avicis [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] et
et [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
Hora [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible]

— Quantitas [illegible]: Calor: vel [illegible]
[illegible] [illegible] [illegible] Calor [illegible]
[illegible] [illegible] [illegible] [illegible]
vel [illegible] [illegible] [illegible]
et [illegible] [illegible] [illegible]

Medici [illegible] podice [illegible] bonil
Angelo podice est [illegible] ladro
[illegible] capillorum [illegible] lindi.
De Medici alabis [illegible] humeli in
tabam [illegible]
Habet [illegible] [illegible] alabis
humeli et Elia [illegible] a
a podice construit
[illegible] [illegible] [illegible] [illegible] appose
longit. [illegible] [illegible] [illegible]
[illegible]
Nota [illegible] [illegible] habilis
quantitate [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
Conjunctio [illegible] [illegible] [illegible]
[illegible] a [illegible] pupill [illegible] altos
a [illegible] [illegible] capillitio
Cosio. [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
Sanguis [illegible] [illegible] [illegible]
[illegible] [illegible] spirit et [illegible]
et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible]

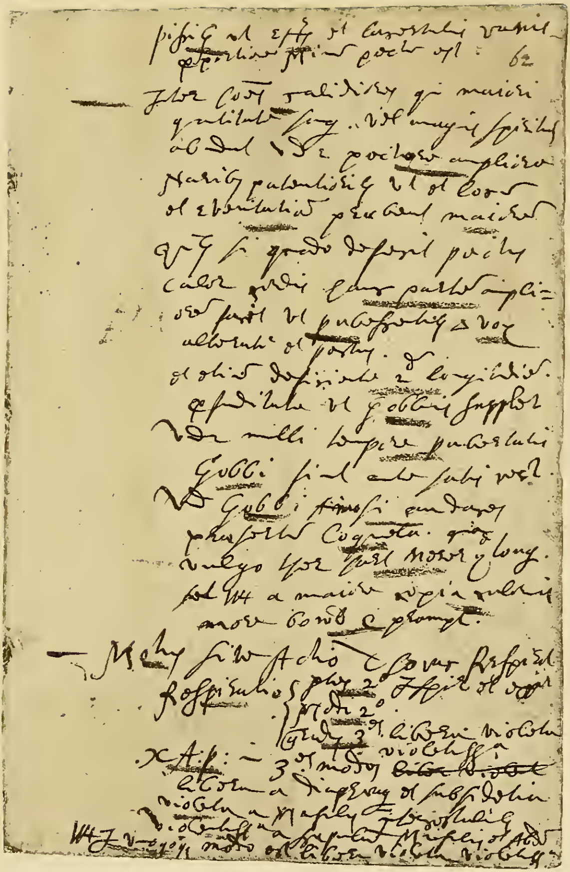
Medici lato pectore facile vomitus
Angusto pectore contra quam lato
pusillanimi timidi
vnde Medici alatis scapulis in
tabem proclives
In tabe Δ dissecta WH elevatis
scapulis vt Ilia retracta a
a pectore constricto
ther armes hang of and appere
longer. the chest shrunke
from them.
vbi omnia coalescentia cavitas
quantitate pugnæ Thoracis
fett ther breath one $\frac{1}{4}$ of the lenght
Longitudo in homine vna facies.
sicut a vna papilla ad alterum
a Mento at Capillitum
Questio quod animal Callidissimum
determinatur magnitudine Thoracis
sanguinea calidiora exsanguibus
calor enim spiritus et sanguis
et exsanguibus sanies Ichor
sanguis enim crudus dilatus Ichorosus.
vnde fœminis crudo sanguine fluores albi
vice menstruorum
vnde papiliones estate florente guttam
sanguinis Δ WH
quibus latiore pectore plus sanguinis
vnde calidiores
Est æstate præsertim calidus piscibus
nec dicendum pisces gaudent vbi
alia torpedine viz Aqua
Animalia habentia pulmones calidiora alijs
plus enim sanguinis

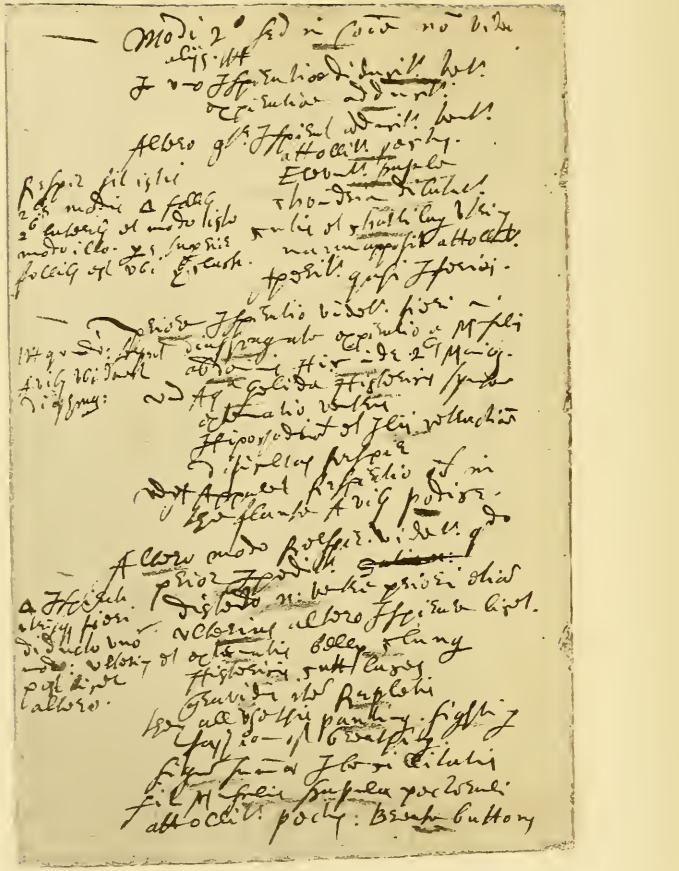
piſcibus vt eſts et lacertulis ranis
proportione minus pectus eſt
Inter homines calidiores qui maiori
quantitate ſanguinis vel magis ſpiritus
abundant vnde pectore ampliore
Naribus patentioribus vt et locum
et eventatiam præbent maiorem
Quibus ſi quando defecit pectus
calor cordis hanc partem ampli-
orem facit vt pubeſcentibus Δ vox
alteratur et pectus
et etiam deficiente ſecundum longitudinem
profunditate vt Gobbis ſupplet
vnde multi tempore pubertatis
Gobbi fiunt ante ſatis recti
vnde Gobbi Animoſi audaces
præſertim loquela quia
vulgo ther hart nerer ye long.
ſed WH a maiore copia caloris
more bowld and prompt.

Motus ſive Actio Thoracis Reſpiratio

Reſpiratio { partes duo Inſpiratio et expiratio
Modi duo
gradus tres libera violenta
violentiſſima

× A: p: in tres modos "libera violenta"
libera a diaphragmate et ſubſidentia
violenta a Muſculis Intercoſtalibus
violentiſſima a ſcapularum Muſculis et Abdominis
WH. In vnoquoque modo eſt libera violenta violentiſſima





Modi duo ſed in homine non video
alijs. WH
In vno Inſpiratione diducitur venter
expiratione adducitur
Altero contra Inſpiratione adducitur venter
attollitur pectus
elevantur ſcapule
chondria dilatatur
cutis et chartilago vtrinque
manu appoſita attolluntur
Aperitur quaſi Inferiori
Priore Inſpiratio videtur fieri in
diaphragmate expiratio a Muſculis
abdominis Hic inde duobus Manibus
vnde Aqua gelida Hiſtericis ſymptomatibus
extenuatio ventris
Hipochondriarum et Ilij retractione
dificultas Reſpirationis
vnde et Apparet Reſpiratio quaſi in
the flanke Avibus podice
Altero modo Reſpiratio videtur quando
prior Impeditur " Satis enim "
diſtento enim ventre priori etiam
vlterius altero Inſpirare licet
extenuatis belly cum lung
Hiſtericis cutt laces
gravidis item Repletis
they all vſe this panting ſighting
faſhion of breathing.
ſignum ſummæ Imbecillitatis
fit Muſculis ſcapulæ pectorali
attollitur pectus: Breake buttons

Reſpiratio fit iſtis duobus modis Δ follibus duobus lateribus et modo iſto modo illo. pars ſuperior follibus eſt vbi ye clack.

WH quomodo ſerpentibus Avibus vbi deeſt diaphragma

Δ Inſpirationem vtriſque fieri diducto vno modo: vlterius et poſt licet altero

Thorax diviſa In partes
- conteyning
- conteyned
- adnatas
- partim contentas partim continentes

Continentes
- communes
- propres

Communes vt ſunt
- cutis cuticula
- membrana carnoſa: pinguedo

Propriæ
- ſternon cartilagines
- coſtæ Claviculæ: vertebræ
- molles Muſculi intercoſtales
- venæ arteriæ Nervi

Adnatæ
- Muſculi ſcapularum
- Mammæ papillæ
- Glandulæ emunctoriarum
- Collum. cervicem et eius partes

Contentæ
- pertranſeuntes
- propriæ

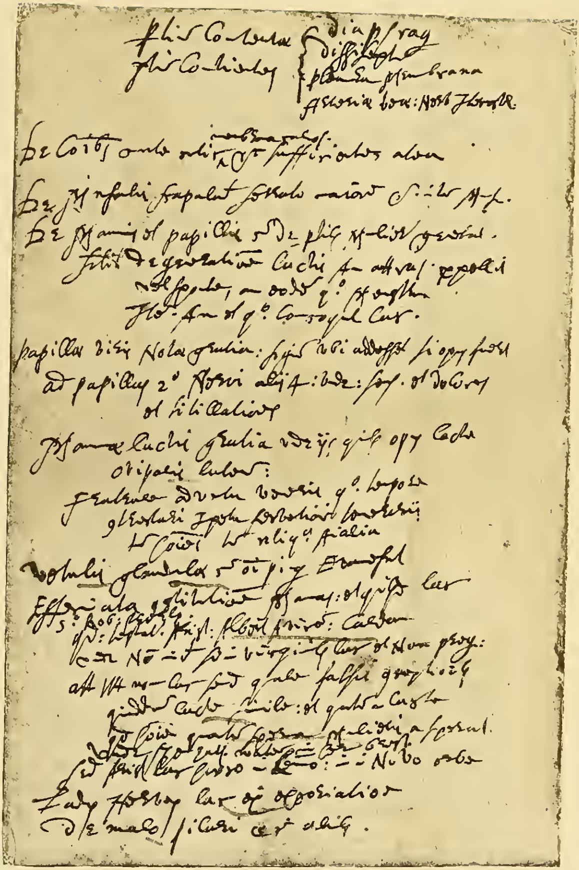
pertranſeuntes vt
- Gula
- Arteria magna
- vena aſcendens
  - Thorace
  - collo
- Nervi 6tl paris et recurrentes et diapragmatis

propriæ
- ſecundum Naturam
- præter Naturam

ſecundum Naturam vt ſunt
- Cor
- pulmones
- Thymos
- Azigos

Reſpiratorum tres conditiones
- Cavitas vt eſt pectore ad continendum aerem
- Foramen vt eſt per Nares os
- Dilatatio et contructio vt
  - oſſium
  - Muſculorum

præter Naturam vidi Aquam qualis pericardio ſanis
Item pus in theſe two powches
ſanguis ex vulneribus penetrantibus
Abſeſſus ex Apoſtemate pleura et tumoribus
Apertum Patavij a quo magna quantitas ſani puris
ab Epiemate Julio Piacentino ſiltid
Julius Jaſolinus ſingulo die per 30 dies 3: 4 et 5 heminas
WH Hydrope pulmonis Ichoris above a galon
dubium quo modo Evacuatur per vrina
dubium paracetteſis alij altius Inferius propter
deſcenſum Materiæ: propter diaphragma
WH vbicunque Inieƈtionibus et tuſſi et ſitu corporis evacuatio
ergo vitalis venis Arterijs &c. ſumma coſta vel Monſtrante Natura



partim contentæ { diaphragma
diffiſeptum
partim continentes { pleura membrana
Arteriæ venæ: Nervi Intercoſtales

De Communibus cute cuticula membrana carnoſa &c. ſufficienter antea
De Muſculis ſcapularum ſerrato maiore &c. inter Muſculos
De Mammis et papillis cum de partibus Mulierum genetalibus
ſimiliter de generatione lactis An attrahit propellit
vel ſponte, an eodem quo Menſtrua
Item an et quo Concoquunt lac.
Papillæ viris Notæ gratia: ſignum vbi addeſſet ſi opus fuerit
ad papillas duo Nervi alij quatuor: vnde: ſenſus et dolores
et titillationes
Mammæ lactis gratia vnde ijs quibus opus lacte
oviparis lacteum
Fratrare adventu veneris quo tempore
contrectari impetu ferventiori temerarii
tum homines tum reliqua Animalia
Vetulis glandulæ cum omni pinguedine Evaneſcunt
Effeminata conſtitutione Mammas: et quibuſdam lac
Sir Robert Sherley
quod teſtantur Ariſtoteles Albert Avicenna Cardanus
vnde Non mirum ſi in virginibus lac et non pregnatis
att WH non lac ſed quale falſis conceptionibus
quiddam lacte ſimile et quantum in lacte
quod homine quantum ſperma Mulieris a ſpermate
vnde ſhe hath water in her breſt
ſed Ariſtoteles lac hirco in Lemno: in in Novo orbe
Lady Hervey lac ex excoriatione
de malo pilari &c. alibi.

Collum a Colendo: omnes enim coluntur
Pharingis Cauſa Galen 8° v: p: et pharinge vocis
vnde Galen Nullum Collo Carens edit vocem.
WH ſed × Ranis Racoli WH Δ make frogg ſqueake
A porpos. WH ideo non convertitur quibus non collum nec pulmones
potius Ariſtoteles pulmonum cauſa vnde quibus deſunt abſque collo.
vel Tracheæ cauſa vt aer Modice refrigeretur
vnde Gargareo temperare aerem A pedibus ptiſim abſtrahit

Colli vſus Avibus pro manu vt Elephanti promuſcide
vnde longitudo to reach every part and the communicable terra
vnde quibus longa crura longum collum
et quibus crura brevia ſi a fundo Alimentum lingas
Collum longum hominibus ſignum timiditatis ſi ſubtile Imbecillitatis
vt cervi alij longum viz. 7 vertebras alij 5 alij 8
Breve et groſſum pertinaces hedſtrong ſtubborn: duri Cervicis
Diviſi partem Anteriorem Jugulum poſteriorem Cervicem
partes continente Communes cutis cuticula Membrana pinguedo.
partim continentes partim contentæ { Muſculi varij / vertebre " Nervi "

proprie contentæ {
venæ Jugulares externæ internæ
Arteriæ carotides
Nervi 6tl paris
Nervi recurrentes
Aſpera Arteria
Œſophagus
ſpinalis Medulla

præterea os et eius partes {
dentes
Maxilla
lingua
gingivæ
palatum
" Vvula "
" Tonſillæ iſtæ "
Muſculi
vaſa

fauces {
vuula
Tonſillæ iſtæ Almondes
Epiglottis
glottis
larinx et eius partes
os Hyoides

Collu a Colendo : et n: solutis

Pharingis Cunfa Galen 8 v.p: et pedis bovis
ad Gal: N Ellebollo nigro ad bovis.

[illegible]

Plin [illegible]

[illegible]

Colis [illegible]

[illegible]

Colles [illegible]

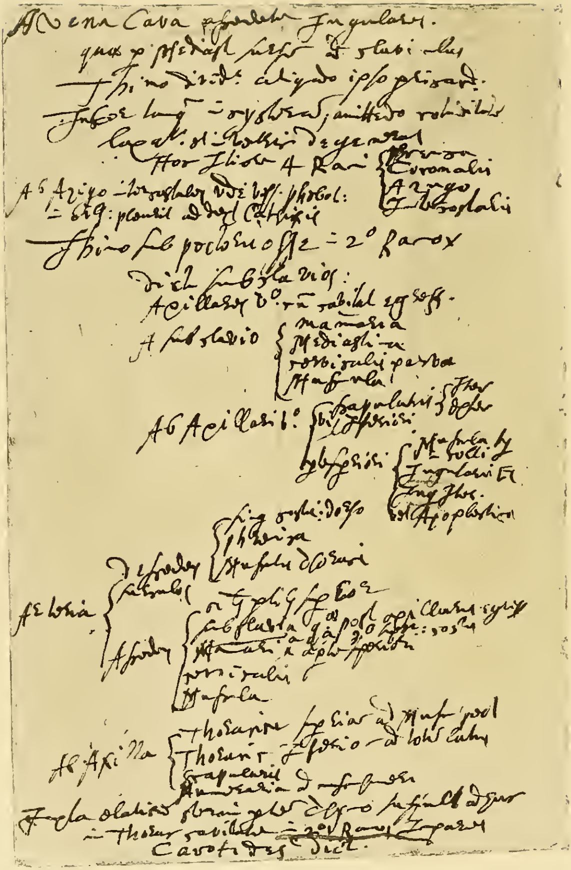
[illegible]

Bibis [illegible]

[illegible]

Psalterna OS et ossa pedis — Maxilla, Lingua, Gibbus, Palatum, Dentes, Mandibula, Ossa

Sanguis — Cordis, Epiploon, Pulmones, Clavis et ossa pedis, OS Thyreides.



WH Vena Cava ascendens Jugularis.
quae per pectus ascendit supra claviculas
[illegible]
[illegible]
[illegible]
Hor [illegible] 4 [illegible] { [illegible] Coronalis Azygos [illegible]
[illegible]
[illegible]
[illegible]
A [illegible] { [illegible]
[illegible] { [illegible]
Axilla { [illegible]
[illegible]
Carotides dict.

A vena cava aſcendente Jugulares.
quæ per Mediaſtinum ſurſum ad claviculas
Thimo dividitur aliquando ipſo pericardio
In cor tanquam in cyſternam; amittendo continuitate
laxatur et in ventriculum degenerat

Hoc Interiore quatuor Rami
- Phrenica
- Coronalis
- Azugo
- Intercoſtalis

Ab Azigo intercoſtales vnde vehemens phlebotomia
in omnibus pleuris ad dextram Cathixis
Thimo ſub pectoris oſſe in duo Ramos
dictos ſubclavios:
Axillares vero cum cavitate egreſſi

A ſubclavio
- Mammaria
- Mediaſtina
- Cervicalis parva
- Muſcula

Ab axillari vero
- ſcapularis
  - Interna
  - externa
- viz Inferiori
- parte ſuperiori
  - Muſcula ſuperiora in colli
  - Jugularis externa
  - Jugularis Interna et Apoplectica

Arteria
- deſcendens
  - ſingularis cuticula dorſo
  - phrenica
  - muſculis thoracis
- ſurculos
- Aſcendens
  - omnibus partibus ſuperioribus
  - ſubclavia quæ poſt axillaris egreſſum a qua 3° ſuperioribus coſtis
  - Mammaria a parte ſuperiori
  - cervicalis
  - Muſcula

Ab Axilla
- Thoracica ſuperiora ad Muſculos pectoris
- Thoracica inferiora ad totum latus
- Scapularis
- Humeraria ad muſculos humeri

Juxta elatiorem ſterni partem Thymo ſuffultus adhuc
in Thoracis cavitate in duos Ramos Impares
Carotides dictos

Nervus 6ti paris deſcendit inter venam Jugularem
et Arteriam Carotidem quas omnes vna Inveſtit
membrana ad latus Aſperæ Arteriæ
ſub muſculis communibus laringis et ſternohyoidis
Ad claviculam in duos Ramos exteriorem et Interiorem

2 Exterior { ad muſculos ſterno et claviculæ pronatos
Recurrentes: in exteriori tunica aſpere Arteriæ

revolvitur { dextra ſuper arteriam axillarem
tribus ramulis rarius vno
Siniſtra ſuper Aortæ retro ad ſpinam
inter aortam et venam arterioſam

Ante Ramos dictos ſurculos { cordi
pericardio
Tunicæ pulmonum

et Gulæ Anexus ad orificium ventriculi

Interior Coſtalis ſub pleura vertebris
per coſtarum radices "a quo"

A quo { Rami intercoſtales
ex his conexis cum Nervis ex vertebris ſpinæ
petit Inferiorem ventrem cum Arteria Magna
et ad oſs ſacrum vſque et veſicam et podicem
ſub ψοαις muſculis

Nervi Cervicis paria ſeptem viz quot vertebrarum
Nervi Thoracis paria duodecim Intercoſtales dicti
quia ſpinali Medula cum venis Internis
cum Nervo 6ti paris ad robur iungitur
Nervi 6ti paris cum Arteria Magna perforant diaphragma

dividitur {

dexter Ramus 3s {
1us ad Inferius omentum ramis 3bus { ad colon: Ramuſc.
Inteſtinalis: ex:
2 ad renem dextrum vnde veniunt { gaſtrica
nephritica
3 Meſentericus. deinde recta ad veſicam.

ſiniſter 3s {
1us ad omentum et colon a ventriculo
2d ad miſenterium ſiniſtrum et inteſtinum
3 ad Renem ſiniſtrum

reliquum in veſicæ cervicem ſiniſtram ſub ψοαις

Nerbu 6 parti de feodo illo bone Angl.

Ad servir in 20 Kar. ante et post

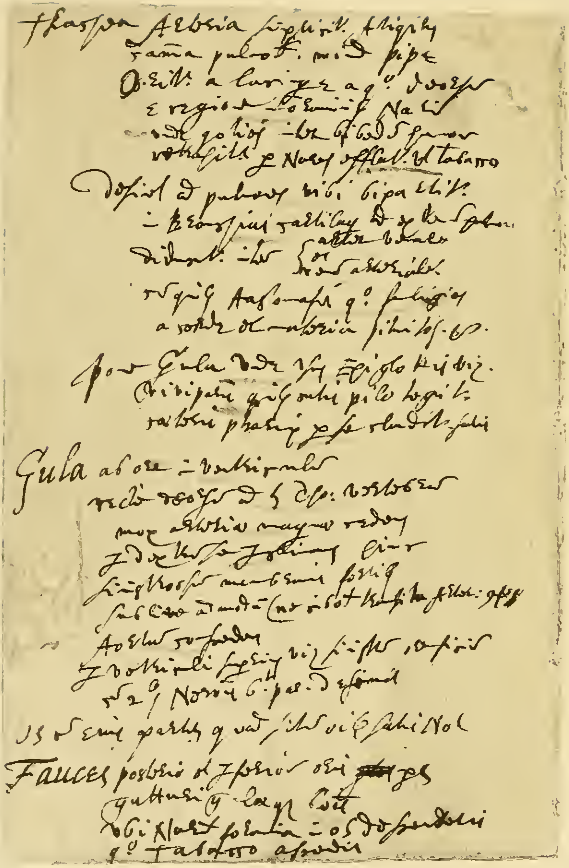
Eyre

Nerbi Corvini parti vij quarterons

Nerbi Solari parti Jhersoslaly

Nerbi 6 Novo oli parti

Nerbi 6 parti


Trachea Arteria

Gula

Fauces

Trachea Arteria ſimpliciter antiquitus
camina pulmonum. wind pipe
oritur a laringe a quo deorſum
e regione foraminibus Narium
vnde quoties inter bibendum humor
retrahitur per Nares efflatur vt tabacco
definet ad pulmones ibi bipartitur
in Bronchias cartilagines ad extremum pulmonis
diducitur inter { arteriam venalem
et
venam arterialem }
cum quibus Anaſtomaſis quo fuligines
a corde et materia pituitoſa &c.

pone Gula vnde vſus Epiglottis viz.
viviparis quibus cutis pilo tegitur
cæteris pharinx per ſe clauditur ſatis

Gula ab ore in ventriculum
recte deorſum ad quintam Thoracis vertebram
mox arteriæ magnæ cedens
In dextrum ſe inclinans hinc
ſiniſtrorſum membranis fortibus
ſublime admodum (ne ciborum tranſitu Arteriam confundet)
Aortam conſcendens
In ventriculi ſuperius viz ſiniſtrum oreficium
cum duobus Nervis 6ti paris definit
Os cum eius partes quoad ſitum omnibus ſatis notum

Fauces poſterior et Inferior oris " partes " pars
gutturi gulæque communis
vbi Narium foramina in os deſcendentis
quo Tabacco aſcendit

Hic { vvula
Tonſillæ
Epiglottis et radix linguæ

Vvula a palati parte penitiori
Juxta Narium meatus in os propedit
ſubſtantia carnoſa ſpongioſa rotunda
Catarrho intumeſcens relaxatur
plectrum vocis : et temperat Aerem
Tonſillæ Amigdalæ : Antiades
glandulæ ſpongioſæ circa radicem linguæ
ante Œſophagi principium
ſalivam ori miniſtrat
Hic pluria vlcera lue venerea
Hic exit tota Materia in vnctione
et corrodit aliquando vnde Cicatrice
contrahuntur muſculi Maſſeteres

Epiglottis pondere cibariorum compreſſa
tegat Rimulam
ſituatur Radice linguæ.

tertium par Nervorum " cum 6ta ſepora " ad linguam
et Inferiori Maxillæ.

Macella
Limaciosa
Ligula

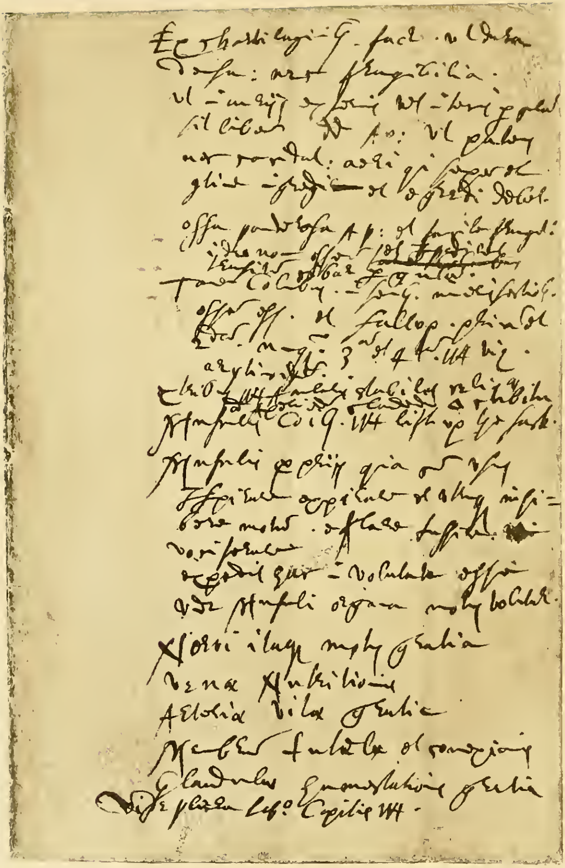
Epiglottis

Tonsillae

Uvula a palati glandulosi
Fauces Nares Palatum os oesophagus
Substantia carnosa spongiosa vocata
Calamus Fistulosus vocatur
Pharynx vocatur: et Gutturis Aditus.
Tonsillae Angulares: Auriculares
Glandulae Sebaceae oscula vocantur
ante Epiglottis pericrania
Salivae ductus in ipsum
Hic plura a Glandulae Lac bovis.
Hic vel sola Malvacea Ordior
et vocabit aliquando vocabit Ligatura
vocabuli. Sed Maccabaeus.

Epiglottis pondere circiter gr. xxx.
Longa Finalis
Finalis Radix Ligula.

3 par Nervorum ~~[illegible]~~ ad Ligul
et Tonsillas Maxillaris.



Ex chartilaginibus facta vt dura
denſa: nec frangibilia.
vt iniurijs externis vel internis per gulam
ſit liberum deinde Ap: vt patens
nec concidat: aeri qui ſemper et
continue ingredi "re" et egredi debet
oſſa ponderoſa Ap: et facile frangitur
ideo non oſſeum "tamen Columbus" et impediret
tranſitum cibariorum per gulam.
Tamen Columbus in ſenibus numeris ſectionibus
oſſeum eſſe. et Fallopius primam et
ſecundam nunquam tertiam et quartam WH viz.
arytinoidinem
ex tribus WH Anularis ſtabiles reliquæ
ad Aperiendum claudendum Δ cubitu
Muſculis Communibus WH lift vp the ſack
Muſculis proprijs quia cum vſus
Inſpirare expirare et vtrumque inhi=
bere motum. efflare tuſſire: "voci"
vociferare
expedit hac in voluntate eſſe
vnde Muſculi organa motus voluntarius
Nervi itaque motus gratia
venæ nutritionis
Arteriæ vitæ gratia
Membrana tutelæ et conexionis
Glandulus humectationis gratia
vide plura libro Capitis WH.

Larinx ex cartilagine et Muſculis compoſitum
In medio poſitus e directo Naribus
præcipue Rima Glottis dicta que linguæ fiſtula
pone Conectitur Œſophago
Ante foras prominens pomum Adami
ſignum Couckould WH forſan
quia longiori et tereti collo
quod ſignum frigidi cerebri : et temperaturæ
vnde Impotentes ad venerem et timidi
which two conditions the one make them wonder
the other dare to committ
ad quartam vertebram Thoracis Bibartitur deinde in duos Bronchios
magis prominet viris quam Muliebribus
WH propter glandulas Bronchocelides.
Magnitudo varia pro ætate
Augmentatur adventante venere quando vox mutatur
magnitudine et latitudine ad vocis
magnitudinem conferre Gallen in Arte Medicinæ 67 et 7 Epidemicis 25
Vox acuta enim cum paucus aer ex
anguſto loco velociter movetur

componitur
- Cartilaginibus 3
- Muſculis { communibus 3bus / propriis 5 } paribus
- Membrana : glandula
- Vaſibus { Venæ / Arteriæ / Nervi

Conſtat præcipue ex
- glottide
- lingula Interna
- Cartilagine et Muſculis

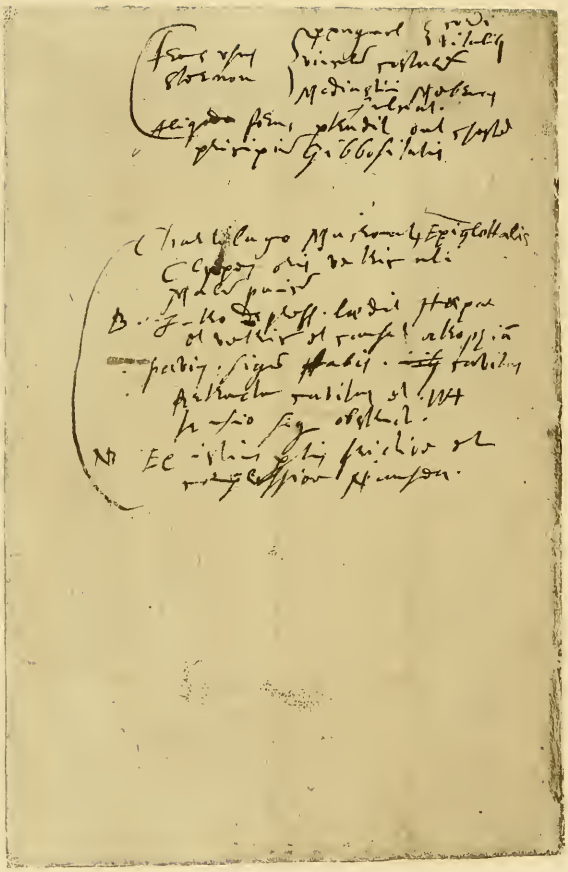
Carlile cum pertinentiis et Mansfeld composite

Tunc dicto posito [illegible] Nazibi
[illegible] Rex et Episcopus dicit: quod ipse
[illegible] et [illegible]
[illegible] forma [illegible] post [illegible]
[illegible] Constabul et [illegible]
[illegible] et [illegible] Collo
[illegible] et [illegible]
[illegible] et [illegible]
[illegible] quod [illegible]
[illegible] quod [illegible]
[illegible] et [illegible]
ad 4. [illegible] [illegible]
[illegible]
magnis [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
Magnitudo [illegible] [illegible]
[illegible] [illegible] [illegible] quod
[illegible]
magnitudo et latitudo [illegible]
magnitudo [illegible] Gall: = [illegible] 67
et. 7 Equ. 24

Dominus [illegible] et [illegible]
[illegible] [illegible] [illegible]

Ipso [illegible]: { Carlile 3 [illegible]
Mansfeld [illegible] 3 [illegible]
Mr-Bena: [illegible]
Basil { [illegible]

Constat [illegible] { [illegible]
[illegible] et { [illegible] et Mansfeld



Tres vſus ſternon { propugnaculum { cordi vitalibus
vinculum coſtarum
Mediaſtini membranas fulciunt.

Aliquando foras protrudit out cheſted principium gibboſitatis

Chartilago Mucromatis Epiglottalis
Clypeum oris ventriculi
Malum punicum
B. Intro depreſſum lædit Hæpar et ventriculum et cauſat atrophiam pavius. ſignum tabis. "inibi" cavitas Retracta cavitas et WH tenſio ſignum obſtructionis
NB Ex iſtius partis frictione et compreſſione Nauſea.

Partes Continentes proprie pectoris
Sternon quod Medio Costarum sternatur
ex ossibus 6. vel 7. pueris plures:
et ætate pauciores fiunt. vno horum
corrupto Galen se vidisse motum Cordis
in puero personato 7: 13 Anatomicis Administrationibus
In fine Cartilago ensiformis
Aliquando senibus osseus. ad tutelam oris ventriculi
Aliquando perforatum fœminis. Bifidum aliquando
Conectitur dissisepto duplici propagine with a
hollownes in Medio where WH NB I sawe
a wound cured that blew out a light and
yet non penetrans.
Here gather wind sepe with great oppression
parte superiori claviculæ: sed de his exactius ossa
Musculus triangularis. parvus tenuis
carnosus. In canibus a clavicula.
Cartilagines coniungunt Costas ad sternon
præcipue veras septem
reliquæ vix pertingunt ad sternon
Cartilagines senibus in ossa degenerant
viz. superioribus et veris costis non Nothis
vnde sepe difficultas respirationis ipsis ex Hippocrate
Costæ vtrinque duodecim septem veræ reliquæ Nothæ short
sensim breviores vt corpus in latera
flecteretur absque compressione ne intestina premeret wheele of a coach:
vnde quibus corpus longius tredecim et plures vt equo 18
serpentibus tot quod dies in Mense
grey hound: "n"eight Ribb: signum enim longi Corporis
Hominibus &c. quot menses in Anno: aliquando tredecim
Columbus ii:
piscibus Costæ aliquibus Nervique &c absque sterno

by Cartilag[illegible] propter pectoris

Sternon q[uod] medio costas glutinat. 68

ex ossibus [illegible] plures:

[illegible] parvorum [illegible]

exemplo Galeni [illegible]

[illegible] 7:13 [illegible]

[illegible]

Cartilago [illegible]

[illegible]

[illegible]

[illegible] Cartilag[illegible] [illegible]

[illegible] a light [illegible]

[illegible]

[illegible]

Cartilag[illegible] [illegible] Costas [illegible]

[illegible]

[illegible]

Cartilag[illegible] [illegible] ossa [illegible]

[illegible]

Costa [illegible] 12 [illegible]

[illegible]

[illegible]

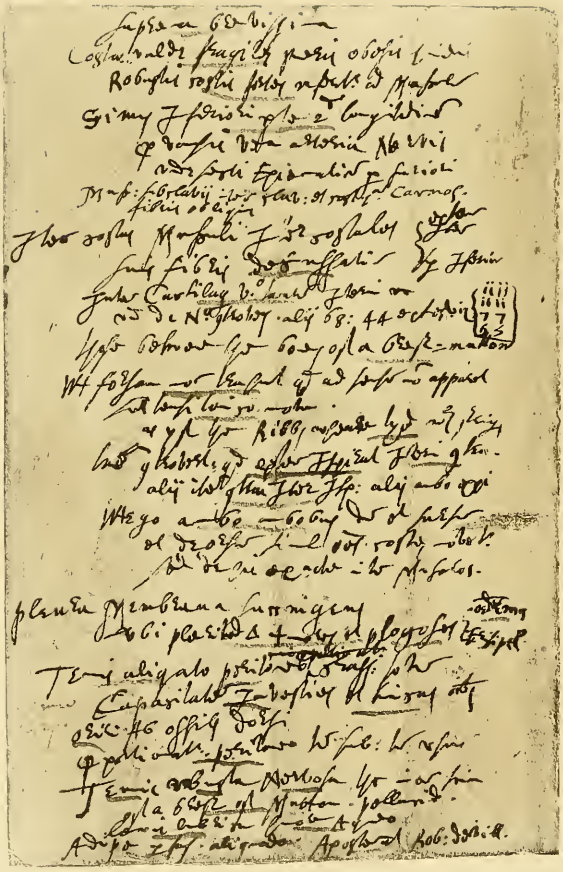
[illegible] 13 [illegible] plures [illegible] 13

[illegible]

[illegible] Corporis

[illegible] aliqui 13

[illegible] Costae [illegible] sterno



ſuprema breviſſima
Coſtæ valde fragiles pueris obeſis humidis
Robuſtis Coſtis fortes referuntur ad Muſculum
Sinus Inferiori parte ſecundum longitudinem
pro vaſis vena Arteria Nervis
vnde ſecti Empiematicum pro ſuaviori
Muſculi ſubclavij inter claviculam et coſtam primam Carnoſi
fibris obliquis

Inter coſtas Muſculi Intercoſtales { exteriores / Interiores
ſuis fibris decuſſatim { ſuperiores Inferiores

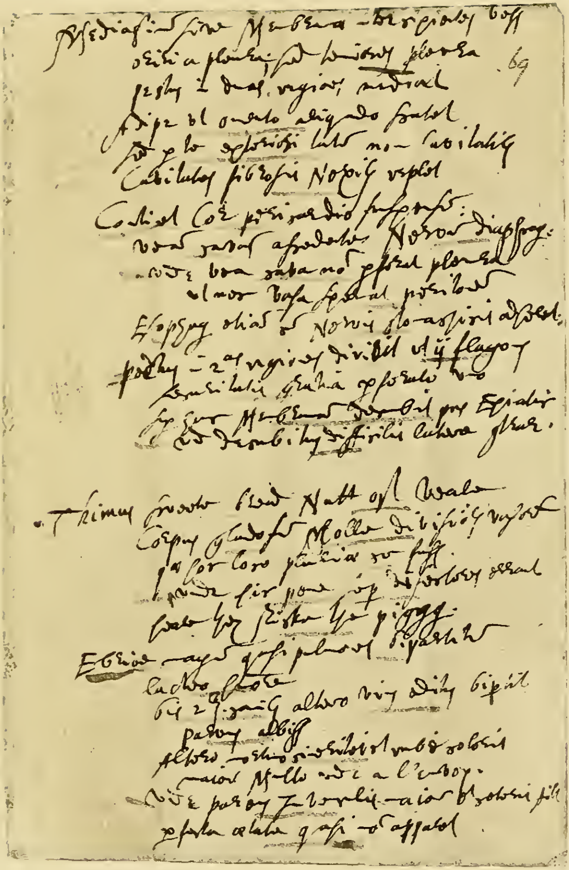
Inter Cartilagines vero tantum Interni "vn"

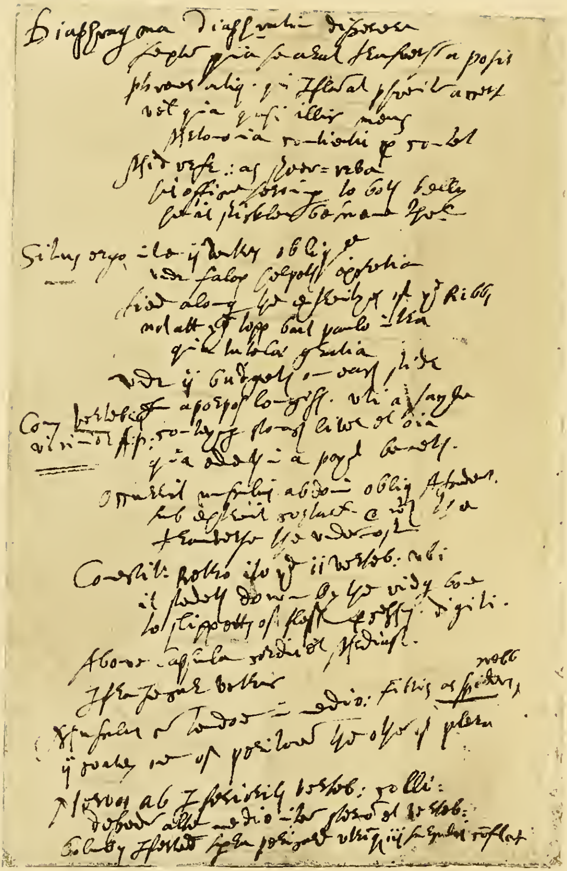
vnde de numero controverſia alij 68 : 44 externi viz { iiii iiii 77 55 }

theſe between the bones of a breſt=mutton
WH forſan nec trahunt quod ad ſenſum non apparet
ſuſtenſi tonico motu.
as yf the Ribbs wheare tyed with ſtrings
tamen controvertitur quod externi Inſpirant Interni Contrahunt
alij iterum Contrarium Interni Inſpirant alij ambo expirant
WH ego ambo ambobus dum et ſurſum
et deorſum ſimul omnes coſtæ moventur
ſed de his exacte inter Muſculos
pleura Membrana ſuccingens
vbi pleuritudo Δ tumores et plogoſes { œdema / Eriſipelas
Tenuis aliquanto peritoneo "cui proportionatur" craſſus totum
Capacitatem Inveſtiens et tunicas omnibus
oriri ab oſſibus dorſi
proportionatur peritoneo tum ſubſtantia tum vſu
Tenuis robuſta Nervoſa the inner ſcin
of a breſt of Mutton. pellucid.
levis lubrica humore Aqueo
Adipe profuſo aliquando: Apoſtemate Robert de Vill

Mediaſtinum ſive Membranæ intercipientes Veſſalius
oriri a pleura: ſed tenuiores pleura
pectus in duas regiones mediant
Adipe vt omento aliquando ſcatent
ſed parte exteriori tantum non Cavitatibus
Cavitates fibroſis Nexibus repletæ
Continet Cor pericardio ſuſpenſum
venam cavam aſcendentem Nervum diaphragmatis
vnde vena cava non perforat pleura
vt nec vaſa ſpermatica peritoneum
Eſophagus etiam cum Nervis ſtomachicis adheret
pectus in duas regiones dividit vt two flagons
ſecuritatis gratia perforato vno
ſuper hanc Membranam decumbit pus Empiematicum
vnde decubitus difficilis latere contrario

Thimus ſweete bread Nutt of veale
Corpus glandoſum Molle diviſionibus vaſorum
quæ hoc loco plurimæ confuſæ
vnde hic pene ſemper diſectores errant
heare they ſticke the piggg
Embrione magnum quaſi pulmones bipartitum
lacteo humore
bis duobus canibus altero viuus aditus bipartitus
parvus albiſſimus
Altero mortuo cineritei et rubri coloris
maior Multo vnde a l'envoy.
vnde parvus Juvenculis maior et ceteris ſimiliter
perfecta ætate quaſi non apparet





Diaphragma diaphratim diſcerere
ſeptum quia ſeparat tranſverſum a poſito
phrenes antiqui qui Inflammant phrenitum accerſum
vel quia quaſi illic mens
Metonomia continentis pro contento
Midrefe: as ſheer=reva
his office ſerving to both belly
he is ſtickler betwene them
Situs ergo inter duos ventres oblique
vnde Falopius helpeth·excretion
tied along the extremity of y^e^ Ribbs
not att y^e^ topp but paulo intra
quia tutelæ gratia
vnde two budgets on each ſide
In a porpos longiſh vti a ſayle
conteyning ſtomach liver et omnia
quia endeth in a poynt beneth.

Communis vertebris vicinior A: p:

Occurrit muſculis abdominis oblique Aſcendentibus
ſub extremitate Coſtarum and with the
tranſverſe the vndermoſt
Conectitur Retro to ye two vertebræ vbi
it ſendeth down by the ridg bone
to ſlippetts of fleſh proceſſus. digiti.
Above capſula Cordis et Mediaſtini
Infra Jecur ventriculi
Muſculis cum tendone in medio: fibris as ſpiders webb
two coates one of peritoneum the other of pleura

Nervos ab Inferioribus vertebris colli:
deſcendentes alte medio inter ſternon et vertebras
Columbus Inſerted ſupra pericardium vtrinque tribus ſurculis conflatis

Vnde quia muſculis et maximo ſenſu
"paſſionate" Nervis far fetich carefully and
from nerer the fontayne
moſt fayer and bigg
1 paſſiones multæ Inflammant phrenitidem
2 Motibus convulſivis Hiſtericis: etiam Infantibus
gerger laboring tanto protendere quod vellicant
vt non detur Inſpirandi locus: vt ſuffocati concidunt
etiam quibuſdam viri vt Impoſuit illos Hiſtericos
3 Item ſedes riſus: metu agitationis huius
4 Item ſighting and ſobbing this place ſore
Immo Inflamatum aliquando
WH and this rather then laughter quia riſus expirando
and Riſu the belly ake
convellitur in childrens ſobbing: yett titillatione circa hanc partem Riſus
Ariſtoteles quia ſenſus aperitur motu:
Motus vero huius ſenſu
vnde ridendo Mortui in prælio traiecti
veriſimilius Ariſtoteles quam caput abſiſum loqui
WH Hiſtericam paſſionem cum multo Riſu Novi
5. Equorum Hinnitus motu huius agitationis
6 Item motu huius ſingultum licet cauſa ore vel gula ventriculi
quia Inſpiratione fit: et tenſione ſedatur huius
vel: puppet bellows or bellows broken Hickop
Pericardium dilatatum vnde etiam a Jecore affectus ſingultis: et Ictero Δ
Sir William Rigden all the "yello" ſtomach flava bile
vnde paulo ante Mortem plurimus ſingultus
ded mans cough. viz: convulſione huius
omnes iſti paſſiones ſenſu huius exquiſito
tranſitus quatenus Muſculus et eius motus Actio vertebrarum &c &c &c

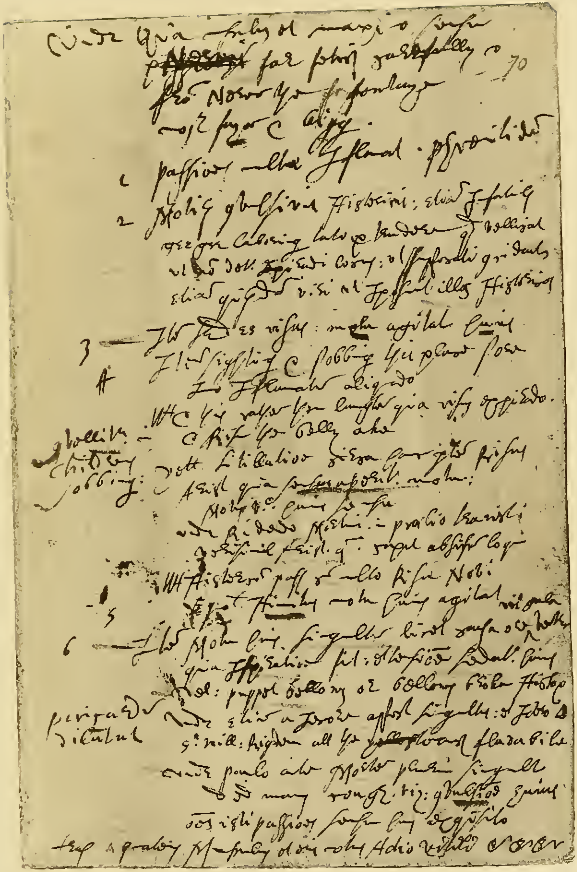


Fig.

Medio

Acho

Figura taken oute it is like a flare
Medio convexum in conum
Tanquam velum omnibus præcordiis prætenſis
differt ab omnibus { ſitu / figura
Controverſia apud authores de eius principio et fine
eſt de lana capria
WH principium vbi carnoſum finis vbi Nervoſum
quod accidit Medio
Controverſia Magna de Actione vſibus.
ſuperfluum opiniones et ſententias referre et agitare
WH dicam quod ipſe ſentio
Actio vt in omnibus Muſculis Actio eſt
contrahere ſeipſum ſecundum fibrarum ductum
vnde ex convexo fit planum
Alij contra magis in Conum
Neceſſe enim Aut Extrema ad medium appro=
pinquant vt Veſſalius
aut Medium ad extremum et ita
deorſum
aut vtroque modo ſecundum quod magis
mobile extremum quam medium et contra
Veſſalius adductis extremis coſtarum intro et
ſurſum modice dilatari ad latera
et ſic Thorace inſpirante argumento
quod attolitur pectus "vt in p" WH vt in
piſcibus. Branchiæ: or larke=netts
NB WH fixum Medium diſſiſepto et Capſulis Cordis: att confoſſum retrahi WH ſed attollitur tantum longis Inſpirationibus
quando Muſculis ſpatularum elevatur
Columbus eodem fundamento Motus extremorum dicis
conſtringi pectus. et Expirationem fieri
vterque ad vivam referunt Anatomiam
ſed × ambo magis fixum Medium quam extrema ſupponunt
vt Δ WH retractis Ilijs
vnde × Laurentius Actione conum facere
ψ Mortuis fibrarum laxitate ψ tanquam retractio contractio et actio ſit
× enim poſſe facere de ſeipſo conum

WH Contractione ex cono fit planum et deorſum
in Medio agendo moventur. magis enim
Mobile medium quam extrema
vnde diſſectionibus perſorato Thorace et
ingrediente Aere deorſum trahi poteſt
et a flatibus &c. cono facto ægrius Inſpiratur
et Thoracem dilatari. et Inſpiratione

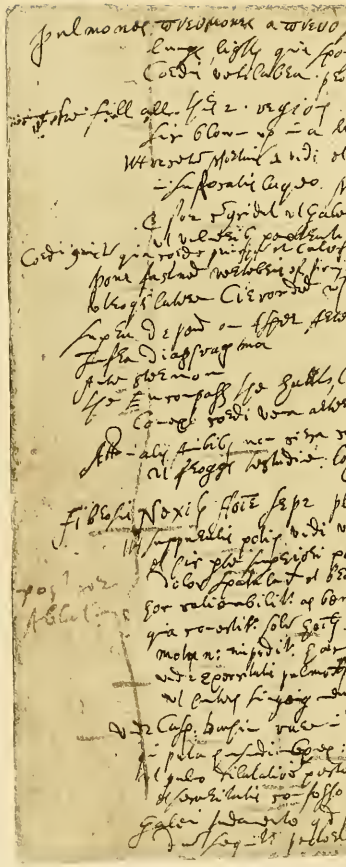
WH.
vtrinque et elevat
coſtas et de-
pellit Inteſtina

ſed WH Inſpiratione { longa ſuſpirioſa retrahitur
placido ordine contra.

Vſus Vſus vt eſt { ſeptum ventriculi: { nobile } vitale } Inferius
{ Ignobile } Naturale } ſuperius
Muſculis. Motu.

ſeptum eſſe Ariſtoteles in omnibus ſanguinoſis × in pennatis
1 Tuetur Cordis locum Cameram a tetris fuliginibus
vaporibus crudis e Culina Nidoroſis
a coctione ortis et excrementis
2 Tuetur ab oppreſſione in diſtentione ventris
vteri Coli a cibariorum flatibus &c. et in
humorum fermentatione ſubtus Inflamatur Moriuntur Hippocrates
proprius vſus vnde pennatis Giſard aut
vbi ventriculis chartelagines. et
vbi non eſt colon
contra vbi magis diſtentio accidit robuſtior
vt Indy goate
3 Homine as an Apron ſupportare cor et
pulmones erecta ſtatura
1 Inſpiratio ſecundario propellendo Inteſtina et
præcordia: Δ agitatione iliorum reſpirantium
Aves enim cantantes Modulantur abſque diaphragmate
vnde vt Muſculi Abdominis vt Antagoniſta proportionaliter
reſpondit: vnde vibi deficiunt Muſculi deficit
2 Motu periſtaltico Inferius tanquam vna manu
excreta vrina feces partum flatus
detento enim Anhelitu omnes ſhite and groan NB
3 Motu hac illac præcordia ſentinam corporis
portus Hepatis quibus multi vſus Eventuri
vnde Hippocrates ventris reſpiratorium
vnde Δ 2 a dogg tremulo motu lelling
the tong
4 NB WH forſan ſanguinem et ſpiritus ad { Inteſtina / Membra } cogit

AXB



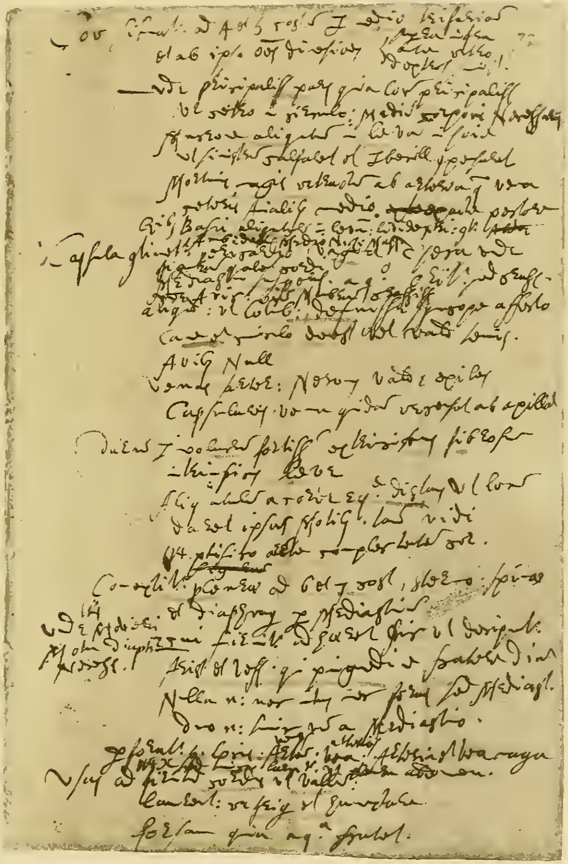
Pulmones πνευμονες a πνευο ſpiro
lungs, lights quia ſpongioſæ light
Cordis ventilabra promptuarium ſpiritus
Then fill all this two regions
ſic blown vp in a live creature "vt W Δ"
WH recentum Mortuis Δ vidi et ante ſolutionem halter
in ſuffocatis laqueo: Mortuis ſubſidunt
and ſoe cum concidunt vt Galen cum aliquod internum
vt vulneribus penetrantibus inter aerem ingreſſum
Cordi coniunctum quia corde principium et Calor refrigeratione egens
pone faſtned vertebris of firmitudinem
vtroque latere Cirrownded with the Ribbs and defended
ſupra depend on Aſperam Arteriam
Infra diaphragma
Ante ſternon
then Encompaſs the hart, Capſulæ Conectitur
Connexa cordi vena arteriali et Arteria venali
Attamen in alijs Animalibus non circa cor ſed ventrem Inferiorem
vt frogges teſtudine: longe a corde ſerpentibus

Fibroſis Nexibus Homine ſepe pleuræ
WH ſuppuratis potius vidi vbi Nectitur
et hic parte ſuperiori potius: vnde his
dolor ſpatularum et brachij
hoc rationabiliter as being leſs exerciſed
quia conectitur folum hominibus and thos ſedentaria vita
motu enim impeditur hæc conexio
vnde exercitatis pulmonibus raro ptyſici
vt hunters ſingeing men &c.
vnde Caſpar Bauhin rare induſtrious man ×
qui puta huiuſmodi conexi: ad melius
vt pulmo dilatationem pectoris ſequatur
et ſecuritatis confoſſo pectore
Galeni fundamento quod pulmo movetur
dum ſequitur pectoris dilatationem

Cor ſituatur ad 4 et 5 coſtam In medio triſariam

et ab ipſo omnes dimenſiones { ſupra infra / ante retro / dextro ſiniſtro

vnde principaliſſima pars quia locus principaliſſimus
vt centro in circulo: Medium corporis Neceſſarij
Mucrone aliquantum in levam in homine
vt ſiniſtrum calfaceret et Imbecillitatem compenſaret
Mortuis magis retractum ab arteria quam vena
ceteris Animalibus medio "exte" exacte pectore
Quibus Baſis aliquantulum in levam: lividextri: contra "Abdom"
Ambidextri Medio Nicholaus Maſſa
Capſula continetur pericardio vagina theca vnde
figuram qualem cordi
Mediaſtino ſuſpenſa a quo oritur ſed craſſa
vnde Ariſtoteles omnium Membranarum craſſiſſima
aliquando vt Columbus defuiſſe ſyncope affecto
cane et cuniculo deeſt vel valde tenuis
Avibus nulla
venas arterias Nervus valde exiles
Capſulares venæ quidam recenſent ab axillaribus
durum Involucrum fortiſſimum extrinſicus fibroſum
intrinſicus leve
Aliquantulum a corde eque diſtans vt locum
daret ipſius Motibus. tamen vidi
WH ptiſico arcte complectentem cor.
"figuram"
Conectitur pleuræ ad 6 et 7 coſtas, ſterno: ſpinæ
et diaphragmati per Mediaſtinum
WH cui firmiter adhæret ſic vt decipiuntur
vnde Moveri Motu diaphragmatis Neceſſe Ariſtoteles et Veſſalius qui pinguedine ſcatere dicunt
Nulla enim nec intus nec foras ſed Mediaſtino
duo enim tunicæ vnum a Mediaſtino
perforatur quinque locis venali Arteria. arterioſa vena. Arteria et vena magna
WH × ſed tunicas largitur vt pleura abdomen
Vſus ad firmitudinem cordis vt vallum
Laurentius refrigerare et humectare
forſan quia aqua ſcatet.



[illegible] et ab ipsis [illegible]
[illegible]
[illegible] principalis pars [illegible] principalis
[illegible] Mediastinum [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Mediastinum [illegible]
[illegible]
[illegible]
A. [illegible] Null
[illegible]
Capsula [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] Mediastini
[illegible]
[illegible]
[illegible] Mediast.
[illegible] a Mediastino.
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] sine [illegible] similis [illegible]

[illegible] pectoris [illegible] cardiaca [illegible].

[illegible] capsula vel pagliar [illegible]

seu [illegible] thorace et abdomine

aliquando non est: aliquando plus thorace.

[illegible] in [illegible]

[illegible]

[illegible] opinio [illegible] Nulli [illegible]

[illegible] a Natura [illegible]

[illegible]

plus [illegible]

vide palpitationes [illegible] et [illegible]

Nisi [illegible] Cassiopia

[illegible] qualitate [illegible]

[illegible] colli [illegible] Cor

Aq. [illegible]

[illegible] WH [illegible]

[illegible]

Thus perfited all the parts of this upper belly only [illegible] their situatio

De reliquis quatitate figura.

usus utilitates dignitates

problemata : observationes.

Lastly de principatu WH.

Humor ſero vel vrinæ ſimilis ne
cor motu perpetuo exardeſceret
etiam piſcibus quibus Capſula vt paſtinaca aqua flava
generatio / vſus / paſſio — quibuſdam Animalibus — ſed qualis et Thorace et Abdomine
Aliquando non eſt: aliquando plus Thorace
Jam in vivis vt Columbus canibus quam mortuis
mortuis vero magis vnde de "generatione" contritis vt ſuſpenſis ſole
et cum a ſectione temperaſſe
ſex opiniones proponit Picholhomini: omnes Nulli momenti
W puto a Natura fieri ne cor exareſceret.
vnde vulnera Criſti aquam cum cruore
plus fœminis et viris humidioribus
vnde palpitationem cordis et ſuffocationem ex
Nimea quantitate Jaſolinus ſuſpicione Veneni: Cachexia
vel prava qualitate: WH Remedijs veneni
ex pulvere: Adamas. Comprenſi hic humorem et Cor
Aqua acrimoniæ et ſalſedinis expers
tam WH Nitroſum ſlippery ſcowring as in
Butchers hands

Thus poynted out all the parts of this
vpper belly only handling there ſituation
de reliquis quantitate figura
vſus vtilitates dignitates
problemata: obſervationes.
tantum de principatu WH.

Cor a Currendo quia ſemper movetur
1 WH principaliſſima omnium pars Non {propria ratione
Carne fibroſior enim et durior et frigidior Hepate
ſed copia ſanguinis et ſpirituum in ventriculis
1—vnde fons totius caloris
2—vnde Auriculam dextram pro Apoſtemate recenter Mortuo
3—vnde piſces quaſi lacunam ſanguinis
et eò maior quo ſanguis ſpirituoſior calidior
et puto quo diſtenſum et non concretum poſſibile ad vitam
vnde "ventr" Auriculæ pulſant poſt emotum cor ſanguinis multitudine
2 WH Nec principalis origine: puto enim ventriculi (qui
in fœtu Ambo vt piſcibus vniuntur) fieri
ex gutta ſanguinis quæ in ovo. et Cor
cum reliquis. vt in frumenti Ariſta pullulare
omnes ſimul ab inſenſibili magnitudine
An eſt gutta tantum ſanguinis in "ventri" Auriculis
vnde omnibus partibus calore Impertiens. a
Nullo recipiens: Caloris arx et domicilium
lar iſtius Edificij fowntayn conduit hed.
Figura turbinata. Nuci pinei ſimile
ſmelt pyramis. Aviculis conus rotundus: Mackerell tetrahedron
triquetrum, oblongum teſtudine
duplici Apice quibuſdam vt Embrione
Quantitate Cor magnum hominibus vnde timidi vnde ex intellectu communi virtus:
longitudine 6 digitos latitudine 4 Magnum timidis
lepori cervo Aſino, quia calor minus diflatur
Vigor enim ſequitur "Aras" ſanguinis calorem vnde Irati contra timidi tardi ad Iram Non timent
his enim Ebullitio ſanguinis vt lac Ebulliens magno vero quiete cito defervefcunt
Cor preterea ſua Conſtitutione frigidum
Parvum et ſpiſſum fidentiora et Audentiorem exiguus enim Ignis
Magno loco caleſacit minus. parvo magis: vnde ijs
diſpoſitio ad metum et Iram præeſt et anima Corpus ſequitur
Cor durum ſenſu hebeti Mollius ſenſu valenti

Cor a Currendo quia sang. [illegible]

1 Vt principalissima pars [illegible] valior

Carnis [illegible] sed Cordis sang. [illegible]

1 vide sang. [illegible]

2 vide Arteriae [illegible] Apostolos [illegible]

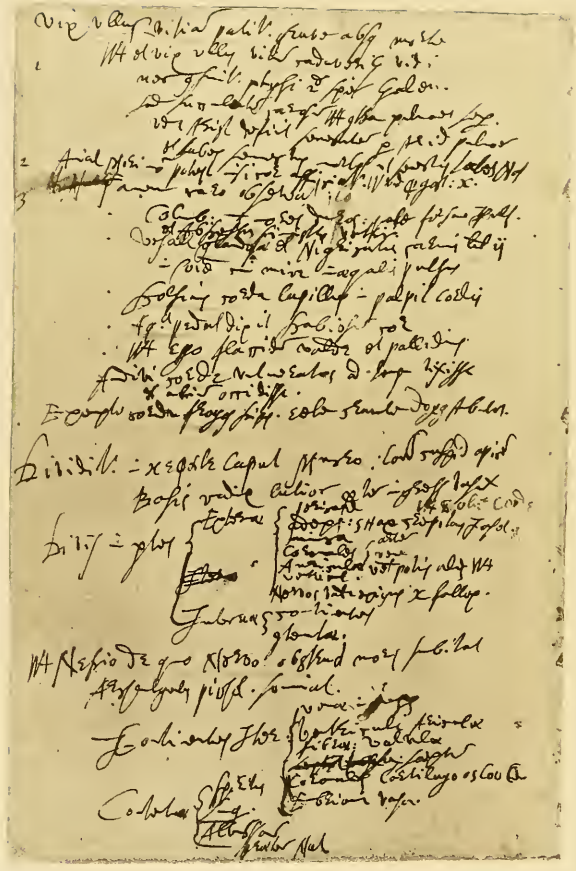
3 vide piscis [illegible] sang.

2 Vt Nervi principalis [illegible]

Figura tabularum [illegible]

Duplex Aspiratio [illegible]

Figura [illegible]



Vix vllum vitium patitur grave abſque morte
1 WH et vix vllum vitium cadaveribus vidi
nec conſumitur ptyſi ſecundum ſpem Galeni
ſed ſucculentum carnoſum WH contra pulmones ſemper
vnde Ariſtoteles deficit ſenectutem per Aridam pulmonem
et tabes ſenectus morbo vt ſenectus tabes noſos
2 Animal mori non poteſt niſi cor afficiatur W vnde prognoſticatio ×
Tamen Caro obſervatur "Co"
Columbus: Tumores duros: quale forſan pulſus
et Abſceſſus ſiniſtro ventriculo
Veſalius glandoſæ et nigricantis carnis libro ij
in homine cui mire inæqualis pulſus
Scolſius corde lapillus in palpitatione cordis
Aquapendens dixit ſcabioſum cor
WH ego flaccidum valde et pallidius
Audivi corde vulneratos ad tempus vixiſſe
et alium occidiſſe
Exempto corde frogg ſcipp eele crawle dogg Ambulat

Dividitur in κεφαλε Caput Mucronem Conum cuſpidem apicem
Baſis radix latior propter ingreſſum vaſorum

Diviſio in partes
- Externæ
  - pericardium
  - adeps: στηαρ crepitans Jaſolinus WH involucrum cordis
  - tunica
  - Coronales
    - arteriales
    - venales
  - Auriculæ vel potius alæ WH
  - ventriculi
  - Nervos valde exiguos × Fallopio
- Internæ
  - continentes
  - contentæ

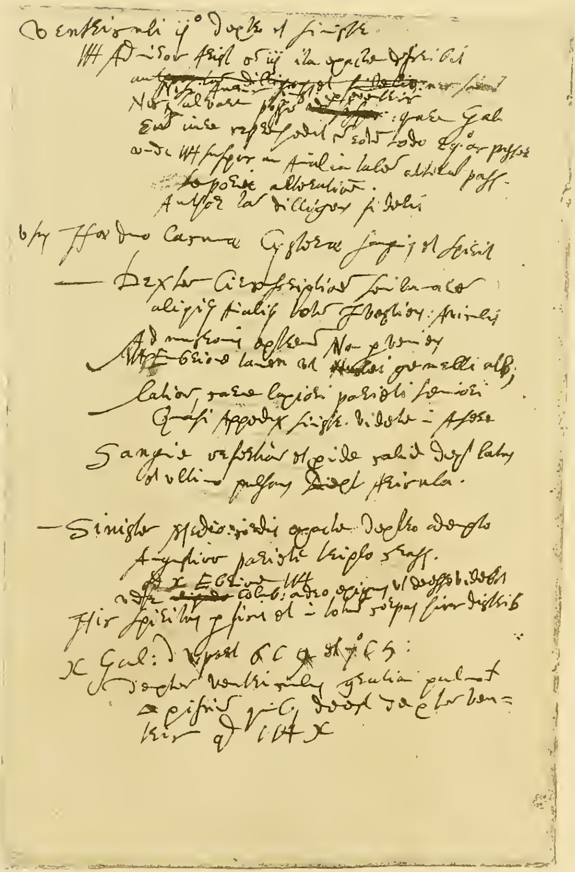
WH Neſcio de quo nervo obſtructo mors ſubitat
Archangelus Picholhomini ſomniat

Continentes Interiora
- venæ ingreſſum
- ventriculi Auriculæ
- fibræ valvulæ
- ſeptum
- Coronales Cartilago os
- Embrionis vaſa

Contentæ
- ſpiritus
- ſanguis
- Album ∨ ouum
  - præter Naturam

Continuatur " pulmonibus A " radici vaſis vena Arterioſa &c
Vena Arterialis hic ſuper Aortam in crucem
Hic vena cava ingreditur his Aorta.
WH Hinc cur potius Arteria oriri a corde
quam vena non vidio
Ramum enim Immittit arteria vt vena in Jecur
et vena dehiſcit et Continuatur ventriculis cordis
et aliquibus Non eſt differentia venis ab Auriculis
WH Quære de principio venarum puto a corde
quorum maiores a minoribus omnes a centro
a quo creſcunt et extenuantur
ſed vena conſideratur vt via : hepate vbi Ingreſſus Alvioli
et ita portæ principales Inteſtinis
ſed vt vas et receptaculum in plures propagines ſciſſum
ſic propagines quaſi membra quorum principium omnium
vena Ca"pa"va : Cavæ aut " cord " Cor
aut hic apud Cor vbi ampliſſimum fowntayne hed
ſic plurimi rami Nervorum a 6to pari quorum ipſe princeps
huius vero principium cerebrum
præteria ſi vt vas continens et concoquens vbi plus
continet et plus concoquit ibi principium hoc
autem corde quia his latiſſimum hic calor abundantiſſimus
deinde omnia principalia minus principalibus principia
magis enim ad principium quod principalior
vnde vena cava ramulis huius hæc pars
quæ Centro corporis loco principaliſſimo
Vaſa vena et Arteria WH ſed vt columba eadem tunica
venarum et Arteriarum vnde in his an paſſagium dubium
et Nec piſcibus. præter fiſtulam vnde deeſt
" dexter " ſiniſter ventriculus non dexter vt vulgo
WH forſan quibus vt præſto Alimentum Evaporabile adſit: pulmones
et " dex " ſiniſter ventriculus propter caliditatem diſſipantem

Cardinal. [illegible] Raphaelis de Petrucciis or:
Vera Petronilla filia sancti Petri Apostolorum
Fir. Vera Zaba et Gratilli. filii Aurelia.
Item Hic vero poliri Petronia oriri a sede
quod vera non Vidio
Romani: Item et Petronia et Vera in Sed
et Vera Tesibil et Cardinalis Petrus Codi
et Aliqui Non est discordia ab Aliis
Item Quod de principio Vera pulso a sede:
quod ratione principij ors a sedetho
ag. Gaspar. et ephemeridi.
Sed Vera quidem et via: Capitis ubi Jugis Aliis
et in porto principis Hophini
Fi. et Vera et vesperiales plures peregrini fuisse
peregrinos qui in Urbe qd principio ori
Vera Capitolina: Cava aut sede Cor
aut fuit apud Cor ubi ampliss. Fabrij Sed
fir. plurimi vari Norbot a bello parti, qui ipsa prius
Urbe vel principis sedebat.
Petronia fuit Vaticani et suspicor ubi plus
rationi et plus ex regali ibi principatus Cor
autem sedebat qui fuit ampliss. Cor Salvator abdalis
Item oria principalia in principalibus principia
magis et principis qd principalior
sed Vera Zaba vanitati Urbis Loco pars
quae Corsis respicit loco principatus.
Basilica Vera et Petronia Item sed et Colina sedes sua
Vera et Petronia sede: fuit in Aqui. Dubius
et Nos fidelis. plures figulina sunt dicit
Item [illegible] Vera et vulgo.
Item fuit quod Petro Aliquis et Raphael Aqui: pulsus
et Petrus Vatici quod sedebat dissipatus



Ventriculi 2° dexter et sinister [illegible]
WH [illegible]
[illegible]
Dexter [illegible]
[illegible]
Sanguis [illegible]
[illegible]
— Sinister [illegible]
[illegible]

Ventriculi duo dexter et ſiniſter
WH Admiror Ariſtotelem cum tres ita exacte deſcribit
"autor tam dilligens et fidelis nec ſalvar"
Nec Niſi Auriculam ſiniſtram pro ventriculo ſalvare poſſe "vnde ſuſpic" quare Galen
eum iure reprehendit cum eodem modo eque ac paſſer
vnde WH ſuſpicor an Animalia talem alterationem paſſa
temporis alteratione
Author tam dilligens fidelis
vſus Hæ duo lacunæ Cyſternæ ſanguinis et ſpiritus
Dexter circumſcriptionem ſemilunarem
aliquibus Animalibus totum Inveſtiens: Aviculis
Ad Mucronis extremum non perveniens
WH Embrione tamen vt Nuclei gemelli Albi
latior, carne laxiori parieti tenuiori
Quaſi Appendix ſiniſtro videte in Anſere
Sanguine refertior et proinde calidum dextrum latus
et vltimo pulſans Dextra Auricula.
Siniſter Medio Cordis exacte dextro adempto
Anguſtior pariete triplo craſſus
quod × Embrione WH
vnde "aliquando" Columbus adeo exiguus vt deeſſe videretur
Hic ſpiritus perficit et in totum corpus hinc diſtribuitur
× Galen de repertis 6 c. 9 et 7° C 5:
dexter ventriculus gratia pulmonum
Δ piſcium quibus deeſt dexter ven=
triculus quod WH ×

Contentæ ſanguinis refertiſſimæ quod Nullum aliud viſcus.
vnde Ariſtoteles contra Medicos non eſſe
principium ſanguinis in Jecore ſed Corde.
quia in Jecore non eſt ſanguis extra venas.
WH ſanguis potius principium amborum vt vidi
Continentur præter Naturam lapilli Bauhin pinguedinis
WH forſan quod reperi Cachecticis
Albo ſanguine deceptus
ventriculo Auriculis et omnibus reperi parum Aorta
ptiſicum : tales granos albos tuſſi reiectos
deſinebat in thrombos ſanguineos plane
vnde puto ſanguine nimis excoctum. calido
et principali enim loco et talem quod ſupernatat ſanguis
et fibræ ſanguinis quæ lotæ Albidi ſunt
item diſſolutæ frigido humido

Auriculæ cuticulares (Nigræ) vt diſtentioni
Dextra rugoſior Acuminoſior minor durior
et paulo carnoſior craſſior ſiniſtra
Triplici fibrarum genere Dom. Leoni p. 695
Intus corrugoſam " ſanguinis plenam " vidi fibris vt ventriculum
ſanguine adeo repletam vt ante concretam Apoſtema
Imponeret præcipue magnanimis Iratis
vel febricitantibus ſuffocatis
Vſus tanquam promptuaria cordi : piſcibus veſica ſanguinea
Embrioni parum ſanguinis in ventriculis multum Auriculis
Valvulæ tres tricuſpides foras intus : like broad arrowes
Intus ligamentis nectuntur Mucroni cordis
foras membraneo circulo :
Has primus Hippocrates Admiratus Novit
WH x Galen vena cava non Inmittit Ramum imo Incipit
et continuatur vnde Cor principium venarum
Ridiculum dicere ramum maiorem trunco duplo

Contra sanguinis receptaculum quod nullum aliud viscus.
Contra Aristotelem [illegible] non esse
principium sanguinis in [illegible] sed cordi.
quia in [illegible] sanguis [illegible] venas
WH sanguis potius principium [illegible] vidi
Colliculi [illegible] lapilli [illegible]
WH [illegible] Cassoriorum 75
[illegible]
[illegible]
[illegible]
[illegible] pulo sanguinis Nimis [illegible] salido
[illegible]
[illegible] sanguinis [illegible]
[illegible]

[illegible] (Nigra) [illegible]
[illegible] rugosior [illegible] minor [illegible]
et paulo [illegible]
[illegible] p. 895 [illegible]
[illegible] vidi [illegible]
sanguinis [illegible]
[illegible]
[illegible]
[illegible] sanguinis [illegible]
[illegible] sanguinis [illegible]
[illegible]
[illegible]
[illegible]
[illegible] Hipp. [illegible] Nobil.
WH [illegible]
[illegible]
[illegible]

Fibras ligamentales cur ostiolis valvulae
Ostiis plurib. alii plura pars et striis
[illegible] Vide Arteriales [illegible]
Cur [illegible] maiores plures maiores
[illegible] dextro quam sinistro vide
Hipp. [illegible] Galen.
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] valvulae [illegible]
[illegible] [illegible] [illegible]
[illegible] valde [illegible]

Vena Arterialis ab officio et tunica in pulmones
[illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
alia opinio [illegible] [illegible]

Valvulae iij semilunares [illegible] gibbae
[illegible] [illegible]

Vena [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] officio valvulae [illegible]

Arteria venalis ab officio et tunica in 2° [illegible]
et [illegible] [illegible] [illegible] pulmones
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] officio et [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

[illegible] Arteria [illegible]
[illegible] [illegible]
[illegible] venalis [illegible]
[illegible] [illegible]
maior [illegible]

Fibræ ligamentis lacertulis corrugatæ
Alijs pluribus alijs contra paucis et Minoribus
quibus vide Auriculis maximas
Quibus cor maius, plures maiores
profundiores dextra quam ſiniſtra vnde
Hippocrates hic Intimum Animæ Thalamum.
Vſus WH Movere cor vt muſculi dum contrahitur
vnde videntur ſyſtole quæ contractionem Cordis
arctari ventriculis ſi vndique agunt.
Anſeribus et Anatibus woodpeckers &c. Nulli fibræ dextro
vt nec valvulæ tricuſpides.
vnde "WH puto" non pulſare his dextrum ventriculum
cum ſiniſtro valde fibroſo

Vena Arterialis ab officio et tunica in pulmones
duplici trunco
craſſiori tunica ne tenuior pars ſanguinem quod
pulmonum Alimentum tranſpiret.
aliæ opiniones variæ non prolatæ
Valvulæ tres ſemilunares tenſæ gibbæ
laxæ vero ſemilunares
Vena coronalis totum Baſim Cordis Ambit et
propagines Mittit ad Mucronem
Euſtachius orificio valvula ſemilunari occluditur
Arteria venalis ab officio et tunica in duos truncos
vt quaſi geminum orificium in duos pulmones
Quaſi Aortæ jugiter Intercidunt vas Infantis
portæ Aſimulatur officio et origine
Auricula ſiniſtra in Cor carnoſior &c
Huius tricuſpides 2 a biſhops miter
A membraneo circulo foras intus

J. Cæſalpinus Aretinus
vena Arterialis quantitate ij digitos
Arteria venalis 4 digitos
admittit vnde Aditus
maior Aſpera Arteria

Aorta prope ingreſſum Arteriæ venalis
Inter ipſos tantum una valvula.
Hinc ſpiritus in Arteria Magna et inde in totum
Hic hominibus Cartilago cervis oſs. abhinc
Valvulæ tres. tenſæ Gibboſæ laxæ ſemilunares
Intus foras. ſic vt iam ij valvulæ
2° ad Arteriam venalem reliqui ſingulares iij
Coronalis Arteria juncta cum vena Coronali hic

Hiſtoria tranſitus ſanguinis et quomodo ſpiritus fiant

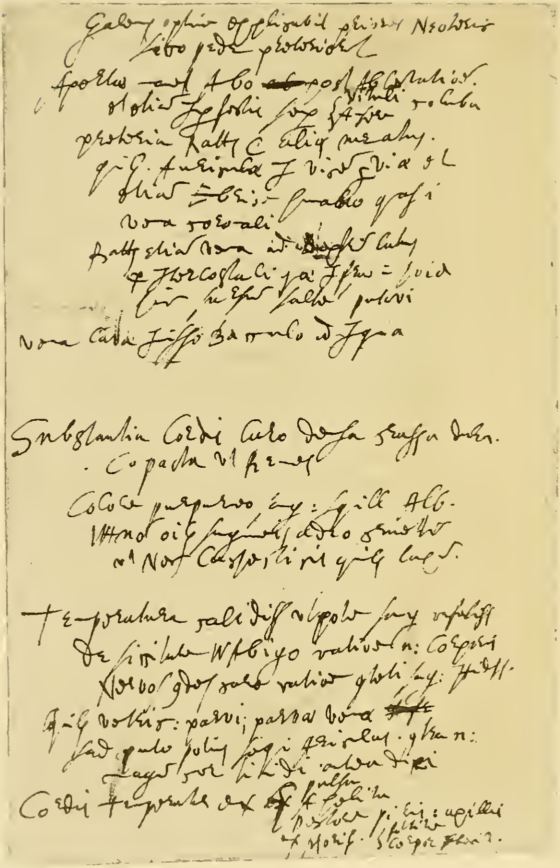
Alij tranſire putant ſanguinem per ſeptum
Interſtitium paries
a dextris gibbum a ſiniſtris convexum
et proinde dicunt poroſum quod ×
Bauhin tamen Cocto Corde Bubalo conſpicuum
Columbus vidit Cartilaginem
Aliquibus vt teſtudine aut ſeptum Nullum aut tenuiſſimum

Vaſa in fœtu hic Arteriæ Ramus quaſi altera
Aorta hic degenerat in ligamentum
Fœtu quaſi altera Aorta cum valvula WH
et quaſi tertia propago coivit Arteriæ venoſæ
Inſertio
Foramen ovale hic ſignum quod erat valvula WH Apertum in Embrione
vnde ambo Auriculæ vna lacuna
vt etiam in perfectis Animalibus piſcibus quadrupedibus oviparis
ſed de his et horum vſus exactius cum de fœtu

Item [illegible] Alberici Abbatis
[illegible] ipsos [illegible] in valvula.
Item [illegible] Petrus [illegible] et in [illegible]
Item [illegible] Carlilengo [illegible] [illegible] [illegible]
valvula [illegible] [illegible] Gibbo in [illegible]
[illegible] [illegible] Item [illegible] ii valvula
2° in [illegible] valvula [illegible] iii
Colonalis Alberia [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et q° [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
Bangs. Jacob Codo Cordi [illegible] [illegible]
Calvby [illegible] Carlilengi.
[illegible] et [illegible] [illegible] [illegible] [illegible]

Item [illegible] Item [illegible] [illegible] [illegible]
[illegible] Item [illegible] [illegible] [illegible]
Item [illegible] [illegible] [illegible] [illegible] [illegible]
et [illegible] Albria [illegible] Gibio [illegible]
[illegible]
Item [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]



Galenus optime explicabit priores Neoterici
ſicco pede præterierunt
Apertæ manent Ambo "ab" poſt Ablectationem
et etiam Imperfectis ſemper { Vituli Columba / Anſere
præteria Ratts & alios meatus
quibus Auriculæ Invicem perviæ et
etiam Embrione humano quaſi
vena coronali
Ratts etiam vena ad dextrum latus
pro Intercoſtali quæ Infra in homine
hic furſum ſaltem putavi
vena cava Inmiſſo Bacculo ad Inguina

Subſtantia Cordis Caro denſa craſſa dura
Compacta vt Renes
Colore purpureo ſanguis: ſquillarum Albo
WH non omnibus ſanguineis adeo cruentum
vt Nec Cachecticis quibus laxum.

Temperatura calidiſſima vtpote ſanguine refertiſſima
de ſiccitate W Ambigo ratione enim Corporis
nervos condens caro ratione contenti ſanguinis humidiſſima
Quibus ventriculi parvi; parvæ venæ "et fe"
ſed puto potius ſequi Auriculas. Contra enim
magnum cor timidi antea dixi

Cordis Temperatura ex { pulſu / Anhelitu / pectore pilis: axillis
ex Moribus { fortitudine / Corporis Imbecillitate

Motus vulgo creditur Mucrone ad baſim
attracta fieri dilatationem ventriculi et
eſſe diaaſtole
contra relaxari et fieri ſyſtolen
vnde ferit pectus diaſtollen
et diaſtole dilatato corde dilatatur Arteria
et quod præcipuus Motus cordis diaſtoles
et quod ſyſtole contingit Mors
et quod a " ſyſtole " diaſtole interna quies cordis et pulſuum

Ego per integras horas animadvertendo, non facile
potui diſcernere neque viſu neque tactu.
quare vobis cernendum et indicandum proponam.
videtur mihi potius aut quum appellat diaſtolen
eſſe Contractionem cordis et proinde male definitam
aut × eſſe quæ dicunt:
Aut ſaltem diaſtole diſtendi Carnoſitatem cordis
coarctari vero ventriculos.

Columbus p. 474 dum cor dilatatur conſtringi arterias et rurſus
in cordis conſtrictione dilatari venam. NB quod dum cor
ſurſum fertur et tumefieri videtur tum Conſtringitur.
cum vero ſe exerit quaſi relaxans deorſum vergit
et eo tempore dicitur cor quieſcere, eſſeque tunc
cordis ſyſtole Quia faci!ius ſuſcepit mi=
noreque labore att cum tranſmittit maiori
opus eſt Robore, neque hoc flocci facias
etiam non paucos reperies qui eo tempore
cor dilatari certò opinantur, quo vere conſtringitur

Sholy Vulgo [illegible] dicit. [illegible] ad Papam
attinet [illegible] dilectionis [illegible]
offer diaboloe
[illegible] vulgari et [illegible]
[illegible] sed Sholy diaboloe
[illegible] diaboloe dilectus [illegible] dilectus Asher
et qd gravis Sholy [illegible] diaboloe
et qd [illegible] Sholy
et qd [illegible] libera [illegible]

Ego [illegible] [illegible] amicabiliter, non facile
potest discernere [illegible] lucem
[illegible] Rabbi [illegible] dicit [illegible] ego [illegible]
[illegible] nisi [illegible] et [illegible] diaboloe.
offer [illegible] [illegible] de [illegible]
[illegible] x offer [illegible]
Ad [illegible] diaboloe [illegible] Cathedralis [illegible]
Concludere [illegible]

Colub pp: 474. [illegible] dilectus [illegible]
[illegible] dilectis [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

Videlicet quod Ecclesia dicitur
aut fidelis aut fideliter dicitur: an corporale
et quidem sit spiritualis quod dicitur
Ecclesia: et plenius quam ipsa valeat esse: et Zorobabel:
Ecclesia spiritualis est.
1°. Sicut patet per Ecclesiam
2°. per Apostolum: sicut dicit. Vos estis
templum Dei vivi: non solum vos Hierusalem sed quod
3°. Auriga vita se extendit ad portas
et Abimelech. et Sunamitis
4°. Et ipsa Ecclesia spiritualis est Christus
propter quod Christus vocatur Ecclesia et
Ecclesia 2° Ita et
Ecclesia pertinet ad abscissis Christi.
— Christus est Ecclesia et ecclesia est
— Responsio ad quod Christus posuit
— Responsio non solum No - 010.

Quinq. quare Christus Ecclesia vocatur?
et quindecim modis
— Ecclesia est quinque modis
2°. Carne. vide Hierusalem et Christi
Cur Christus vocatur Ecclesia
— Caro dicitur ab illo quod
Mortuus et vita sunt unus et idem.
vide Christum vocatur et vitis et
Ubera quia est post Ecclesiam.
Postulo Cur Ecclesia dicitur et
vide ut Christus. et ubera
vulnera Christi sunt: et Christi possibilis et
vox vocis ad Christum.
Post Corum Columba: dicitur pulchra Christi post.

Videte quam Arduum et difficile diſcernere
aut viſu aut tactu ad dilatationem ſeu conſtrictionem
et qualis ſit ſyſtoles qualis diaſtole
Erectio : eſt Motus proprius vigoratur enim relaxatur enim et inervatur
Erectio ſyſtolen eſſe
1°. ferit pectus Erectione
2°. ex Molli enim fit durum vt niſi
dum Erigitur non ſentitur vel Maior Apparet
3°. Auriculæ ſe contrahunt ad ſenſum
et Albidiores protrudunt ſanguinem
4to eodem tempore tactu ſentitur pulſus Arteriæ
quaſi attrahitur vena cava
pulſus incipit Ab Auriculis progreditur ad Mucronem
vnde quaſi duo Alæ WH
Tamen pulſat cor abſiſſum Auriculis
Auricula cor ſomnolentum expergefaciunt
Reſpondendum cor primo Afflatui poſtea ſenſim
interpoſita mora. tandem Non omnino.

Piſcibus Manefeſte Erectione Coarctatur
et protruditur ſanguis
Etiam particulis cordis dilatari
ſecundum Carnem vnde Neceſſe conſtringi ventriculis
Cum tarde reſpondet Cor Mucronem
in levam aliquantulum contorquet.
Motus et vita ſenſum mucronem deſerit
vnde vltimo ventriculo et vltimo dextro
Interna quies poſt Erectionem
Perforato Corde Erectione profluit ſanguis proſilit
vnde tum ſyſtoles. et eodem tempore
pulſus Arteriarum ſenſu : ex Arterijs proſilit et
ex vena arterioſa
Poſt hora Columba : digito pulſabit Auricula dextra

Quere an vena Arterialis pulſat WH
An vena Arterioſa
Quere Abſiſſo corde pulſante
An ventriculus aperiatur an conſtringatur
Veſſalius et Columbus. Dum Inflantur pulmones
viva ſectione variæ alteratur pulſus
dum Concidunt fit formicans vndoſus.
Veſſalius Nihil pulchrius obſervaſſe

Groza Abbas pulsat 14.
A. Boa Abbas.

Groza Abbas sedet pulsatur
A. Bakis apostolic. et gallicat.

Noff. et Colleg. Domus Jesuit. quibus
Vita Bakis Roma albeat. pulsat
Ds. considunt sit somnus vinosus.
Noff. Nihil peculiary observatur.

Hic error [illegible] 0/0 Hat peides Cab. 2.
quem ego observavi labuisse
[illegible] a latinis [illegible]

1°. Qd illi Appellant diagloly ad sgloly
[illegible] diagloly di Calculo [illegible] Calculatoris
solvi ad geometricis [illegible]

2°. Eodem sibi sgloly sibi diagloly
[illegible] solvi [illegible]

3°. Eodem [illegible] ad [illegible] galpy.
[illegible] globa quam [illegible] in a globo
ad Galen [illegible] a fistula [illegible]
Sed gloche [illegible] di [illegible]
[illegible] ad gloche [illegible]
[illegible] alior [illegible] [illegible]
[illegible] adeunt [illegible]

Hic [illegible] [illegible]
ad [illegible] solvi [illegible]

Hic [illegible] Calculatoris [illegible]
[illegible] Relatio quam ad [illegible]
[illegible] ad [illegible]
[illegible] Astronomia

Hic [illegible] astronomi. libros [illegible]

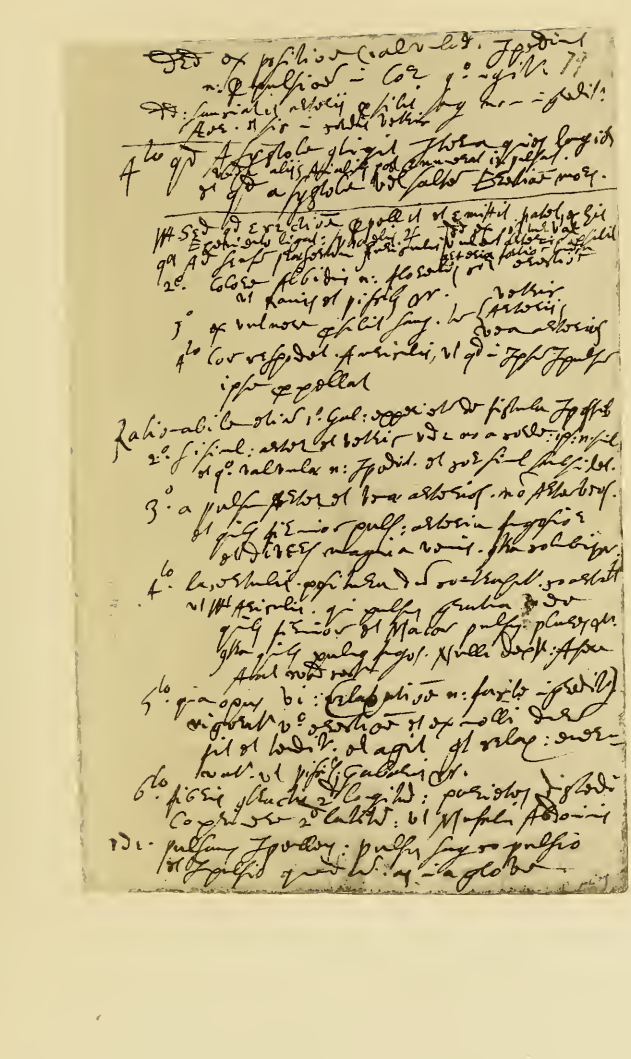
Hic [illegible] [illegible] di Cal.
[illegible] a [illegible]
[illegible]
[illegible] sgloly [illegible]
[illegible]

Hinc error " 16 " 2000 Annorum pridem habitus
quare egi obſignatis tabulis
quia tam antiqua : a tantis viris culta.

1° quod illi Apellant diaſtoles aut ſyſtoles
ad diaſtoles dilatatio tantum carnoſitati
cordis et conſtrictio ventriculorum
2° Erectio ſive ſyſtoles ſive diaſtoles
proprios motus cordis contra relaxationem
3° Erectione protrudit ſanguinem et facit pulſus
pro Eroſiſtrato contra Galenum as in a glove
et Galeni Argumentum a fiſtula Impoſſibile.
ſed contractis ventriculis dilatantur Arteriæ
vnde fibroſæ ad contractionem opus enim vi
relaxatione ingreditur ſanguis in ventriculos
vnde colore adaucto replentur
Hinc pulſus Arteriæ non ex innata facultate valvularum Galen 13
ſed protrudente corde ex { Autopſia { vivo / mortuo } / ratione / experimento ligaturarum }
ψ
ψ { Hinc ex ligaturis attrahitur parte
et inde Ratio quare ex dolore et
Inflammatione tumores et humorum attractio
viz per Arterias
Hinc Arterijs obſtructis livor : ſphceliſus. }
" Hinc × ſi Arteriæ Juxta facultatem dilatatæ
attrahentur : vnde : non enim a corde quorum ipſe
tum temporis dilatatur
Item quo protrudunt ſyſtole non in Cor quoniam
ipſe ſitus contrahitur "

Deinde ex poſitione valvularum. Impediunt
enim propulſionem in Cor quo agitur
deinde ſauciatis arterijs proſilit ſanguis non ingreditur
Aer. et ſic in Cordis ventriculos
4to quod A ſyſtole contingit Interna quies longior
vnde alijs Animalibus poſt enumerationem 12 pulſationum
et quod a ſyſtole vel ſaltem Erectione mors.

WH ſed quod erectione propellit et emittit patet ex his
Experimento ligaturarum ſphacelis ψ { deinde ex poſitura valvularum / vulneratis Arterijs proſilit / arteria fortior tunica
quæ ad ſenſum præſertim Auriculis
2° Colore albidius enim florenti Cor erectione
vt Ranis et piſcibus &c.
3° ex vulnere proſilit ſanguis tum { ventriculis / Arterijs / vena arterioſa
4to Cor reſpondet Auriculis, vt quod in Ipſum Impulſum
ipſe propellat
Rationabile etiam 1° Galeni experimentum de fiſtula Impoſſibile
2°. ſi ſimul arteriæ et ventriculi vnde non a corde: ipſæ enim ſimul
et quo valvulæ enim Impediunt et cor ſimul ſubſidet
3°. a pulſu Arteriarum et venæ arterioſæ non Arteria venoſa
et quibus firmior pulſus arteria fungoſior
et diverſi magni a venis. contra columbis &c
4to lacertulis. poſitura dum contrahitur coartatur
vt WH Auriculis. qui pulſus gratia vnde
quibus firmior et Maior pulſus. plures &c
contra quibus pulmo fungoſior Nulli dextro Anſere
Anate woodcock
5to quia opus vi: (relaxatione enim facile ingreditur)
vigoratur vero erectione et ex molli durum
fit et tenditur et agit contra relaxatione ener=
vatur vt piſcibus Gabaris &c.
6to fibris contractis ſecundum longitudinem parietes diſtendi
Comprimere ſecundum latitudinem vt Muſculi Abdominis
vnde pulſans Impellens: pulſis ſanguinis compulſio
et Impulſio quædam. as in a glove.



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Ex his patet WH Actionem Cordis ſecundum quod movetur
eſſe ſanguinem e vena cava in pulmones
per venam Arterioſam
et a pulmonibus per Arteriam venoſam in Aoortam.
relaxato corde quid prius ingreſſus ſanguinis
in dextrum ventriculum a vena cava.
in ſyniſtrum ab Arteria venoſa
Erecto Contracto tanquam vi propellit ex dextro
in pulmones Ex ſiniſtro in Aortam
vnde pulſus Arteriarum et plurima
Galeni ſpeculatio de pulſibus cordis
præcipue de interna quiete dep p: 6 : 8 et
ſyſtole quoniam antequam dephrehenſa tactu
Galenus (12 A—o) ego puto nunquam
Actio thus relaxed receyves blood
Contracted Puppel is over. in
vniverſum corpus arteriæ reſpondet
as my breth in a glove.
Cuius vero rei gratia?
Ariſtoteles. Nullius ſed paſſio
vt in pulte ebulliente
WH ſed vulneratum non flatum ſed ſanguinem Emittit
WH ſed Eſt Alicuius rei gratia indicatum
fabrica fibræ valvulæ. Arteria
WH An ventilatur Ebulientis ſanguinis motu
An partes Arterioſo ſanguine foventur
vnde obſtructis articulis particula refrigeratur
WH An vt Caloris diſſolventi preſto ſit
febribus et Animi pathematibus a Calore: pueris raritate

WH hinc ij animalibus arteriæ craſſiori tunica
et præcipue adultis quorum cordis pulſatio
fortior quia Arteria ſuſtinet Impetum
WH Hinc quod Nulli tetigerunt "Arte" vena
Arterioſa craſſior qui ſuſtinet pulſum
dextri ventriculi in adultis et arteriam
in Embrione
Hinc nec vena cava nec arteria venoſa
tali fabrica "et Non t"
quia non pulſant. ſed potius attrahi
et hoc quia valvulæ contrapoſitæ
pulſum efringunt tum in Corde
tum in reliquis venis
WH vnde venis plurimæ valvulas
oppoſitas cordi habent
Arteriæ nullas. niſi in exitu
cordis contrario modo "hinc"
Hinc pulſatiles venæ hæ
hæ vero non pulſatiles

WH An coſtas ferit Apice an lateribus
dubium quia ad 5 Coſtam vbi ſentitur
ventriculi ſunt. Mucro ad 6 vel 7.
tum quia retrahitur cor et Erigitur medio

Ariſtoteles omnibus ſanguinoſis Cor reliquis proportionale
WH × in ſquillis quibus cor. apertum album

Hic ij aiali[illegible] arboris [illegible]
et [illegible] [illegible] quod [illegible] pulsacio
[illegible] quia [illegible] [illegible] [illegible]
Hic [illegible] [illegible] [illegible]
Arborisa [illegible] quia [illegible] [illegible]
[illegible] [illegible] [illegible] et arboris
[illegible]

Hic nec [illegible] Caba nec arboris [illegible]
[illegible] [illegible] [illegible]
quia [illegible] pulsat. [illegible] [illegible] [illegible]
[illegible] quia [illegible] [illegible]
pulsat [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
Hic [illegible] [illegible] [illegible]
oppositis [illegible] [illegible]
Arboris [illegible] [illegible] [illegible]
[illegible] [illegible]
Hic pulsatilis [illegible]
Caba [illegible] pulsatilis [illegible]

Hic 4 [illegible] [illegible] [illegible] Cabalis.
[illegible] quia ad [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] quia [illegible] [illegible] et [illegible]

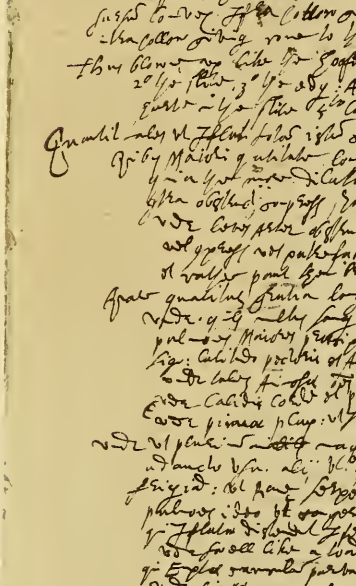
Arist. [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

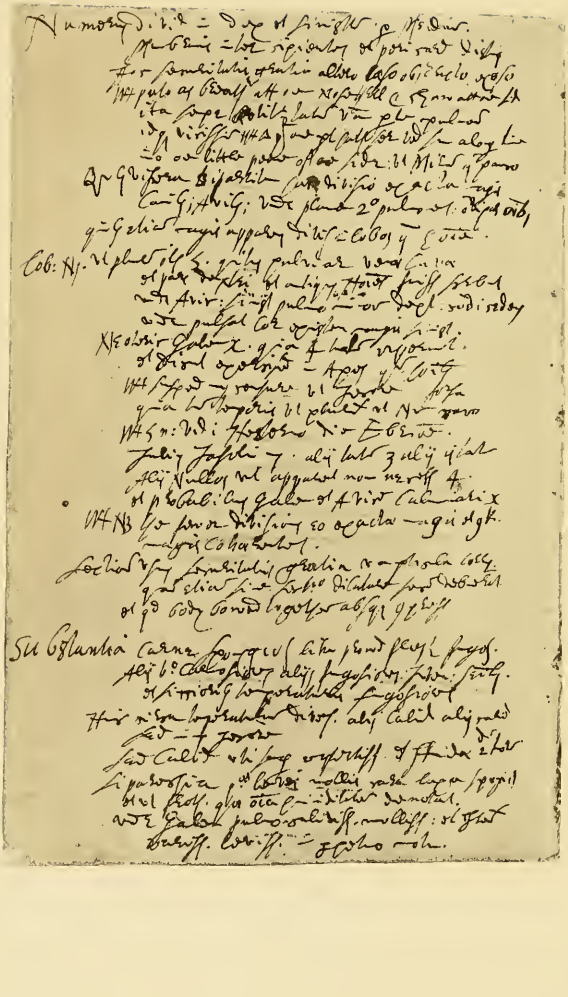
Hit gstul. z fulciri rodi sang.
z pulmones i sorbu prepostera
transposti, ac by z stirly ist a
ovalis bellum, so ruff malo
gstul. liquatur a sanguis: ab altoriis ad venas
rad: & postpo sanguis mola
i ventricul sinis pulsu rodi
Ar. Cor Julia pulsilis
am magis transversalis sang.
et Mamb est z Jacob. Calcid.
Dirissim sang: Calcfuriosi
in zmodu frisicat a rodi
Calofis ....

WH conſtat per fabricam cordis ſanguinem
per pulmones in Aortam perpetuo
tranſferri, as by two clacks of a
water bellows to rayſe water
conſtat per ligaturam tranſitum ſanguinis
ab arterijs ad venas
vnde Δ perpetuum ſanguinis motum
in circulo fieri pulſu cordis
An? hoc gratia Nutritionis
an magis Conſervationis ſanguinis
et Membrorum per Infuſionem calidam
viciſſimque ſanguis Calefaciens
membra frigifactum a Corde
Calefit

Y

Pulmonum figura: Quantitas Numerus et lobi
Subſtantia Color. &c.
Figuram diverſam diverſis Animalibus: weoſel ſtoote long.
doog deepe homine rownder and more bulkey.
formam a loco Continente
vnde Natura non ſollicita de figura
quia figura nihil vel parum ad actionem conducit
ſurſum convexa. Infra hollow giving way to ye liver
intra hollow giving rome to the Hart they Embrace
Thus blowne vp like the hoofe of an ox 1° Cavitate
2° the ſlite 3° the edg 4to the diſtance over the
harte in the ſlite 5to Convexitate &c.
Quantitas tales vt Inflatæ totam iſtam cavitatem replent
Quibus Maiori quantitate longer the breath
quia the more dilatable
contra obſtructæ Compreſſæ ſhorte winded.
vnde leves Arteriæ obſtructæ replent crudis { vaporibus / Humoribus
vel compreſſæ vel putrefactione abſumptæ ſhort winde
et rather pant then breath
Quare quantitas gratia longioris Inſpirationis
vnde. quibus multus ſanguis cor calidum
pulmones Maiores præcipue bronchijs: cuius
ſignum latitudo pectoris et Amplitudo Narium.
vnde tales Animoſæ omnes
vnde calidis Corde et pulmonibus Nares Ampliantur
vnde pinnæ play: vt Iratis: curſoribus: Equis
vnde vt plurimum animalibus magnæ pulmones quibus calor
adaucto vſu. alij vero quia raro ſpirant
frigidæ: vt Ranæ ſerpentes teſtudines &c corticatis
pulmones ideo vt congeries vehiculorum idque abdomine
qui Inflatæ diſtendunt Inferiorem ventrem plurimum
vnde ſwell like a toad: vt Ranæ æſtate: quando ſpirant.
qui Emptæ carunculam parvam quantitate nucis particula
vnde his Magnæ pulmones quo raro reſpirantes
diutius ſub aqua terra morarentur
et quia frigidam et tamen magnam pulmonem quantitate deſiderant
ideo Natura pulmones hac forma et
actu perquam exigue quæ potentia diſtendi in Maximam molem





Numerus dividuntur in dextrum et ſiniſtrum per Medium
Membranis intercipientes et pericardio diſtinctæ
Hoc ſecuritatis gratia altero læſo obſtructo, exeſo
WH puto as breath att one noſeſtril and chaw at one ſide
ita ſæpe vtitur tantum vna parte pulmonum
idque viciſſim WH Δ ye one part hath ſerved ſum a long time
imo one little peece of one ſide: vt mirum quam pauco
Quibus viſcera bipartita hæc diviſio exacta magis
Canibus: Avibus: vnde plane duo pulmones: oviparis omnibus
quibus etiam magis apparens diviſio in lobos quam homine
loborum Numerus. vt plurimum omnibus 5. quintus pulvinar venæ cavæ
et pars dextri et Antiquus Homines fuiſſe ſcribunt
vnde Avicenna ſiniſtra pulmo minor dextra cordi cedens
vnde pulſat Cor exiſtens magis ſiniſtra
Neoterici Galenus × quia 4 tantum reperiunt
et dicunt exerciſed in Apes quam hominibus
WH ſuſpend my Cenſure vt Jecore forſan
quia tum temporis vt plurium vt nunc raro
WH 5 enim vidi Heſterno die Embrione
Julius Jaſelinus 7. alij tantum 3 alij ij tantum
Alij Nullos vel apparet non neceſſe 4.
et probabilius Galenum et Avicennam Calumniari ×
WH NB the fewer diviſions eo exactæ magis et contra
magis cohærentes.
ſectionum vſus ſecuritatis gratia vna particula corrupta
quum etiam ſine ſectione dilatare ſecum debuerit
et quod body bowed together abſque compreſſione
Subſtantia Carne ſpongioſa like prowd fleſh. fungoſa
Alijs vero Carnoſiores alijs fungoſiores: juvenibus ſenibus.
et ſiccioribus temperaturis fungoſiores
Hinc circa temperaturam diverſitas alij calidæ alij cold
ſed minus Jecore
ſed Calidæ vti ſanguine refertiſſimæ et Humidæ ſecundum totum
ſi parenchima quæ lævis mollis rara laxa ſpongioſa
et vt froth. quæ omnia humiditatem denotant.
vnde Galenus pulmo calidiſſima molliſſima et iterum
rariſſima leviſſima in perpetuo motu.

Venis et vaſis præamplis colore ſanguineo.
ex quibus calor Colligitur
WH puto eo Humidiores Jecore quo molliores et
eo Calidiores quo ſanguine abundantiores
idque ſanguine Arterioſo calidiori et nulla
pars adeo ſanguine abundat toto corpore.
Et quia Colore minus Calidæ Jecore et liene videntur
quia pallidiores vt ex palido flaveſcentes
WH: obſervavi 1º In prima conformatione Albæ vt Nix
2° Embrione ante Aeris hauſtum eodem quo Jecur colore
vt pueris ante partum and in two whelpes the one borne ded
vnde Avicenna Albificat ipſos Aer.
ex accidente ideo colores
3° morboſis ſwarty purple blemish vt peripneumonia
ſanguine refertiſſima
duſkey aſh color a durty greye leadiſh
in apoſtemate abſque et cum venis liveſcentibus
more white & yellow cley color contractæ
Hecticis vt tum homine tum ſimea mea ſeacolored
abſque potu
vnde NB licet ſcolaſtica licet Hectica ſolidorum
et febris particule cordis et 3° gradu Hect. Mars.
abſumpta parte humido radicali
Nunquam adhuc cor ita reperi. pulmones ſepiſſime
WH vt plurimum omnes qui tabidi moriuntur pulmones
exciccatos fungoſos retractos
vnde apte Ariſtoteles ſenectutem ſiccitate pulmonum et Bronchiorum
et apte ſenectutem tabem Naturalem tabes vero
ſenectus Morboſa.
WH certe tota temperatura plurimum ſequitur conſtitutionem pulmonum
vnde quibus fungoſæ retractæ ſic cuius ſigna
vocis aſperitas acumen conſtrictum pectoris altæ "humeri" ſpatæ
quickly grow and looke owld : et facile contabeſcunt.
Animalia ſimiliter vt quibus calidæ pulmones cuius ſigna
vocis gravitas pectoris amplitudo tracheæ Magnæ
Magna Inſpiratio expiratio calidior et
vt in ijs qui Modice exercitantur Narium amplitudo
vt equo: "Virgil" poetæ Ignem efflare naribus
Omnia iſta ſigna Animoſitatis quia Calidæ pulmones.

Verum et Basis pro Amplio color sanguineus.
et quia color Coloris
Vt puta 20 Aud: Tarra q: mollior et
do Calidior q: sanguineus albedinem.
et sanguineus. Albedo calidior et Nulla
pars Cadere sanguineus albedinem lubo sanguineus.
et quia Color in pulchritudine Tarra et Lineae Videl.
quia pulchrior et est pulchro flavescentes
Vt: 66 Tar. 1° Tarra quia pulchrior Ab: et Nig
2° Tarra Color alia Aetis sanguineus color q: Tarra pulch
et pulchri ab pulchritudine - quia pulchrior quam Tarra et Color
Color Aeris. Aetis Gibiral ipsos Aer.
3° Albedo. Tertia pulchritudo Albedo: pigmentum
sanguineum vel pulchrius.
Albedo in color a Deity Tarra Lapidis
= Aetis color nigrum et Tarra Lapidis.
mare aquilo et Albedo alia color glaucus
Aetis et Albedo Tarra in Tarra mea: Tarra
albedo.
vide Vt Albedo Solaris. Lineae Aetis Solis Deus
et Tarra pluris radius. et 3° Tarra Aetis. Aetis
absorpta plus Tarra radius
Nam albedo sua ita repetit pulchrior sanguineus
Vt et pluris est quia Calidi Aetis et pulchrior
equivalent Tarra ratione
vide ergo Aetis Tarra similes pulchrior et
Aetis Tarra albedo Naturales albedo.
Vt Tarra Morbosus
vide quia sanguis albedo pulchrior
vori absorbitur a Tarra Aetis sanguis
quia Aetis et Color Tarra albedo.
quia Aetis et quia Calidi pulchrior quam Tarra
vori Aurum pulchrius amplitudo Tarra Aetis Mayor
Mayor Aetis albedo et quia Calidior albedo et
Albedo et Aetis albedo Aetis albedo
albedo Tarra albedo Aetis
ita albedo Aetis. Aetis albedo quia Calidi pulchrior.

[illegible]

contra ſigna contraria puſilanimitatem quia
pulmonum frigiditatem.

Pulmonum diviſio in partes { continentes / contentas

Contentæ ſanguis Aer vt recenter Mortuo quaſi veſiculi
Aaer teſtudine like a heape of blathers
porpos froth. like aer and water

vnde Alijs plus ſanguinis alijs plus aeris
Animalia enim quo Calidiora eo refertiora ſanguine puto
vnde Ariſtoteles homo calidiſſimo ſanguine refertiſſimas pulmones
vnde vnus Erectus incedit
hinc vivipara Calidiora oviparis·
quibus pulmo fungoſior exanguior
quibus et proinde magnitudo corporis minor
præter Naturam contentæ in morbis
paſſio Apoſtema vomicas magnas et exiguas
like hoggs meaſels
Calculi ex gypſea pilo: like chalkeſtones
Copia Ichoroſæ materiæ vnde Aſtma
vt vlceribus crurum Hydrarguro curatis et podagra WH Δ
vnde Hydropſia lethale tuſſis et Aſtma
ſignum enim quod materia iam tenet arcem Corporis
Continentes partes { Nervi vaſa de quibus prius / Tunica / Bronchiæ aſperæ arteriæ propagines / Caro parenchyma
Nulla pinguedo niſi diffuſum WH
vnde ſaporitas Juvenculis: lambs port"on"s

Nervus per obſcuros a 6to pari poſt receſſum recurrente
vnde exiguo ſenſu
vnde dolor ſubito deleteſcens adaucta Aſtma
ſignum quod metaſtaſis in peripneumoniam
vnde putreſcit propter hoc eaten a peeney abſque dolore

pulmon. sibis – phy [illegible]

Cordial sang. Aur. vl [illegible]
Lapid: [illegible]
corpus fest. [illegible]

vde Alij phy sang. alij phy avis
[illegible]
vde [illegible]: [illegible]
vde vy [illegible]
[illegible]

Apostol: [illegible]
[illegible]
Cordial [illegible]
Cogia [illegible] Asma
vl [illegible]
vde [illegible]: [illegible] Agla
[illegible]
Nota: [illegible]
[illegible]
[illegible]

Nulla [illegible]
vde [illegible]

Nomen [illegible]
vde [illegible]
vde [illegible]
[illegible]
vde [illegible]

Vasa Crux aureum dicit

B. Rosa [illegible] aureum

Carbo [illegible]

Mercurius a plerisque [illegible] mollis

[illegible]

sed [illegible] quod [illegible]

[illegible]

[illegible]

Ut [illegible]

non [illegible]

[illegible]

Ut sed [illegible]

Philosophi principalis [illegible] quales

Nulla alia [illegible] Crystal: [illegible]

[illegible]

Ergo non [illegible]

Dubius [illegible]

[illegible]

Ut magis [illegible]

Ut [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Vaſa levæ arteriæ dicte prius

Bronchiæ in Aſpera arteriæ { fruſta / exciſſa / vt inter 2° vitus

Caro ſpongioſa vt antea

Membrana a pleura thin ſmoth : mollis
Foraminilenta vnde tranſitus ſuppuratis
ſed dubitatur quomodo materiam introſumet
et tamen Aerem detenet
et vtrum pulmonem ſup vp : diſtentione vel contractione
WH puto expiratione relaxata tunica
non Inſpiratione quia tenditur et meatus
occluduntur vnde aer non egreditur
WH ſed Admiranda Naturæ opera.

Particula principalis Galeni qualis
in Nulla alia parte : vt Criſtallus occuli
non ad melius ſine qua non &c. ſed 1° et principaliter
ergo nec venæ nec arteriæ &c.
dubium vero vtrum Bronchiæ an parenchyma
ambo enim conditionem præſepis habent
WH magis vero Bronchiæ
WH Carnoſum vero parenchyma vlterius
ſanguinem concoquere vt fiat ſanguis ſpirituoſus arterialis
Neceſſe ijs quibus opus "warmer" calidiore
tenuiore ſprightly kind of Aliment
vnde WH Δ omnibus quibus Arteriæ carnoſæ pulmones
et contra quibus nulla aut ſicut venæ fungoſæ
vel abſque carne omnino vt Ranis : teſtudine
ſic quibus abſque carne abſque arterijs vel
ſaltem Arteriæ a venis non differunt.

Actio: pulmonis proinde ij° { motus dilatatio conſtrictio. Actio
Alteratio concoctio: dico publica
vel ſaltem præparatio publica

vnde quia 2as Actiones duas particulas principales
altera motus viz: bronchialis alterationis viz parenchyma

De Motu: plurima controverſia 1º an ſeipſos movent an ab altero
2º quid ſit movens an Cor an thorax an muſculi
3º ſi ſeipſos movent quomodo qua particula
4to ſi ab alio motus vel partim ab alio partim ſeipſis
An Motus ſit animalis vel Naturalis

WH Motu non concidunt vt nunc Mortuo ſed retrah[untur]
et dilatantur vlterius quam Nunc quia pectus d[ilatatur]
Motus ex duabus contrariis motibus vnde duo qui

WH vesica in follibus
Galen et ſcola Medicorum ab illo quod moventur a
vi vacui vt Aqua in fiſtula Quia
1° Quia Nunquam dilatatur pulmo Immobili
movente thorace
2° Quia cum aliquid accidit inter (vt aer) No
ſed confoſſo pectore concidunt

Cadaver non confoſſo pectore non defecto Jecore: WH
WH quod × vidi enim efflare candelam: et
et liquor iniectus forſan ab alio latere per
vel quia alligat coſtis. ſic vulnus diſs . . . .

WH item 1º × Δ hiſtericis: abſque planis Naribus &c iuſs . . . . .
Ariſtoteles et Averrois "et M:" &c. quod cor vnde Laurent × movet pulmones
vlterius de Juvenibus et Senibus Calidum Nativum adauctum Neceſſe
elevare inſtrumentum quia Magis ſit factum
WH inſtrumentum elevatum Bronchij prolongantur Inſpiratione
WH contra a frigido ingrediente Minor factus
vaſa contrahuntur expiratur aer

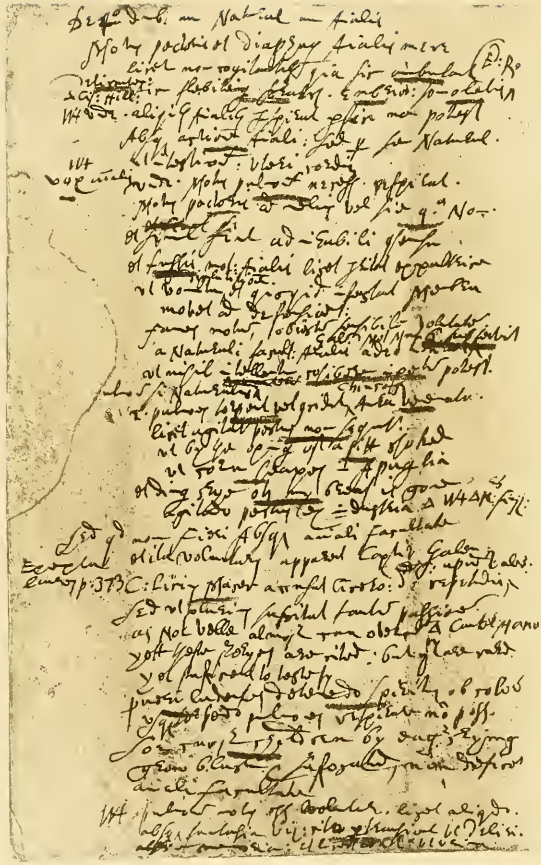
WH puto potius cum Ariſtotele pulmones potius Naturaliter pectus
diſtendunt quam pectus ipſos ſed tamen pectus ipſos

cum partes 2° { Inſpiratio
Expiratio

An Actiones ambo
ſi Actiones
Ab alio moveri

Quia alijs animalibus neque Muſculi pectoris neque diaphragma
et tamen cantant et modulantur aves
et alijs nec pectus ſed pulmones ventre vt Ranæ &c.

WH. Quare pulmo 1° et principaliter facultatem in ſe habet
movendi adiuvat pectus et diaphragma vt
Averroes admirabili conſenſu
vt Areteus Cor attrahendi Aeris cupiditatem iniecit
pulmonibus pulmo in ſe facultatem habet reſpirandi



De 4° dubium an Naturalis an Animalis
Motus pectoris et diaphragmatis Animalis mere
licet non cogitantibus quia ſic ambulant
delirantes: ſic flebiteing ſcratch. embrione: ſomnolentis E[d]: Ro
Δ Cis: Hill: WH vnde aliquibus Animalibus Inſpiratio perfici non poteſt
Abſque actione Animali: ſed per ſe Naturalis
vt inteſtinorum: vteri cordis
WH vox animalis vnde Motus pulmonum neceſſe reſpirationi
Motus pectoris ad melius vel ſine qua non.
et ſimul fiunt admirabili Conſenſu
et tuſſis motus Animalis licet Iritat ex pultrice
vt vomitu diglutitione et quicquid infeſtat Membra
movet ad defenſionem:
fames motum, obiectum ſenſibilem voluntatem
a Naturali facultate Animalis adeo nocitat
(Galenus Motus Muſculis ſubſervit)
vt nihil intellectu cohibere impetum poteſt.
[p]ulmonum ſi Naturalis "Δ Cauteriam"
2° pulmones torpent vel concidunt Chincough Aura venenata
licet agitatum pectus non ſequuntur
vt by the opening of a pitt choked
vt corn heapes in Apuglia
et diing crye Oh my breath is gone
agitando pectus ex induſtria Δ WH Δ p: 8 finiſh:
ſed quod non fieri Abſque animali facultate
et ita voluntarij apparent Captivi Galenus
Exempta Laurens p. 373 C: Licinius Macer accuſat Ciceronem de repetundis &c. apud Valerium
ſed vt plurimum ſuſcitat tantum paſſionem
as Not velle almoſt can overcum Δ Cautela Macro
yett theſe ſtoryes are cited: but they are rare
yet ſufficient to teſtefy
pueri ludentes detenendo ſpiritus ob colorem
vſque torpedinem pulmones reſpirare non poſſunt
ſoe curſt children by eager crying
grow black and ſuffocated, non deficiente
animali facultate
WH pulmonum motus eſſe voluntarios licet aliquando
abſque fantaſia viz: cito pertranſiunt vt deliri
abſque memoria: et licet coacti vt vrina

De Concoctiva facultate vel alteratione pulmonum
non ita constat vnde diversitas dubia
1° An aliqua talis publica functio necne
2° qualis alteratio an calefactio an refrigeratio
et si calefactio an præparatio an concoctio
3° subiectum huius alterationis et quod facit cum { sanguine / Aere / spiritu
Hæc magna dubia et ambigua vt longiori
desiderantia tempore: opinione dico ratione ex hoc Corpore
1° habere publicam functionem apparet ex vasis magnis &c.
Natura enim nihil frustra. publica vasa: publicus vsus.
2° hinc plurima excrementa: vt tussi sputo
quia vbi seperatur esse concocta apparet
contra tamen alijs animalibus quibus fungosi et viscularis pulmones
neque sanguis neque excrementa
vnde si concoquunt vt verisimile: in quibusdam tantum
viz vbi carnosi sanguinolenti × Embrione
vnde quia non in omnibus apparet
concoctionem esse secundam functionem.
præcipua functio motus et pars principalis
primario et magis principaliter Bronchiæ
Actio vtraque secundum scolam Medicorum 1° refrigerat sanguinem et contemperat
et similiter quod præparant spiritum Naturalem et Aerem
vt fiant spiritus vitales in corde
Columbus aijt ipsum fuisse inventorem qui dicit
præparari spiritus motu continuo: sanguis enim
dum Agitur tenuis redditur cum Aere permiscetur
Colliditur præparatur WH crarned quo spuma
fit apparet of the frothynes pulmonum
(et quod sic Galen) spiritus aerem concoquit vitalem
vt caro Jecur sanguis WH quorsum enim parenchyma
Galenus 7 & p. 8°

De Concoctionibus Facultatibus vel alterationibus pulmonis

non ita constat vnde [illegible] dubium. 85

1°. An aliqua [illegible] publica functio [illegible]

2°. qualis alteratio an calefactio, an refrigeratio

et si calefact. an praeparatio an concoctio

3° subiectum cuius alterationis et quid facit { sang. aer spirit.

Haec magna dubia et ambigua vt longiori

respondere tempore: opinionibus variis de corde.

1°. habere publicam functionem appareat ex vasis magnis.

Hal: h: nihil frustra. publica vasa: publicus.

2°. sicut plurima [illegible]: [illegible]

q? vbi [illegible]. [illegible] apparet.

contra [illegible] aliis [illegible] pulmones

neque sang. neque [illegible]

vnde si [illegible] vel [illegible]: [illegible]

[illegible]

[illegible]: apparet

Contractio. ergo 2. functiones.

praecipua functio motus et principalis

praeparatio et magis principalis [illegible]

Actio vtraque 2a [illegible]: 1° refrigerat [illegible]

[illegible] Naturalis et [illegible].

vel [illegible] vitales in corde.

Collig. [illegible]

praeparat [illegible] motu [illegible]: [illegible]

[illegible]

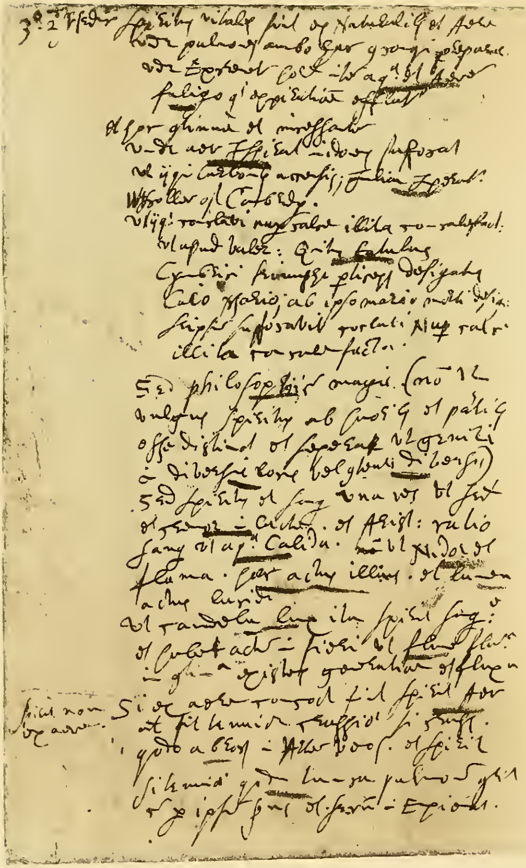
Collectio [illegible] praeparat. [illegible]

[illegible] apparet [illegible] pulmones

(et [illegible] Galen. [illegible] vitales

[illegible] : [illegible]

Gal: 7 [illegible]: 8.



Sed philosoph[illegible] magis [illegible]

[illegible] spiritus [illegible]

Sed spiritus [illegible]

[illegible] Arist: [illegible] Calida [illegible]

flamma [illegible] illius [illegible]

[illegible]

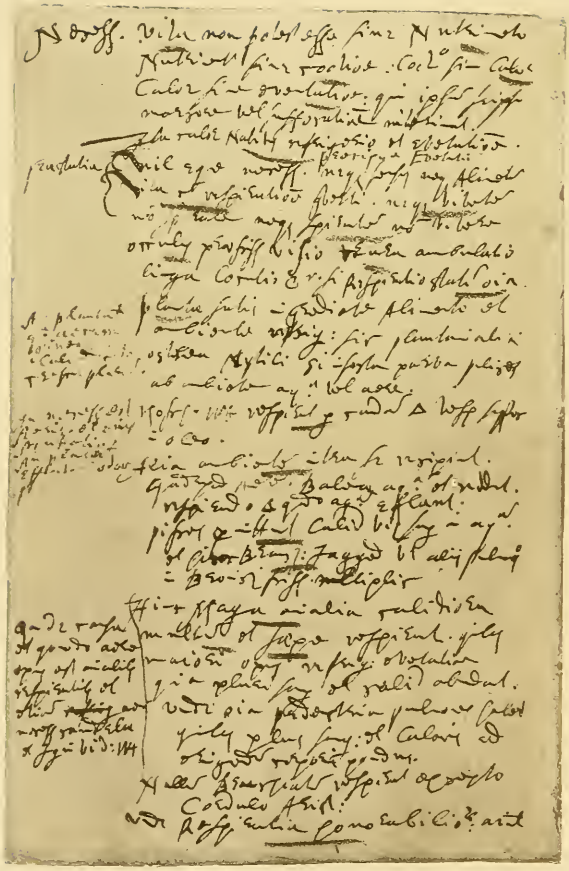
3° ſecundum Medicos ſpiritus vitales fiunt ex Naturalibus et Aere
vnde pulmones ambo hac concoqui præparatione
vnde Excrementa horum inter Aquam et Aerem
fuligo qui expiratione efflatur
et hoc continue et inceſſanter
vnde Aer Inſpiratus unidoneus ſuffocat
vt ij qui Carbonibus accenſis : Julian Imperator
WH ſcoller of Cambridg.
vt ij qui conclavi nuper calce illita concalefacti
vt apud Valerium Quintus Catulus
Cymbrici triumphi particeps deſignatus
Caio Mario ; ab ipſo Mario morti deſignatus
ſeipſum ſuffocavit conclavi Nuper calce
illita concalefacta
Sed philoſophice magis (non vt
vulgus ſpiritus ab humoribus et partibus
eſſe diſtinctos et ſeperatos vt geniti
in diverſis locis vel contenti diverſis)
ſed ſpiritus et ſanguis vna res vt ſerum
et cremor in lacte. et Ariſtoteles ratio
ſanguinis vt Aqua calida. "non" vt Nidor et
flamma. hæc actus illius. et lumen
actus lucidi
vt candela lux ita ſpiritus ſanguine
et habet actum in fieri vt flamme flamma
in continua exiſtens generatione et fluxu

Spiritus non ex Aere

Si ex aere concoctus fiat ſpiritus Aer
vt fit tenuior craſſior ſi craſſus
quomodo a bronchiis in arteria venoſa et ſpiritus
ſi tenuior quomodo tunica pulmonum generatur
cum per ipſum pus et ſerum in Empiemate

Quomodo (cum miſtio ſit alteratorum vnio)
Aer cum ſanguine poſſit permiſceri vniri
quid permiſcit et alterat ſi calor
tenuior fit aer. ſi craſſior dum
præparatur fit a frigore quod Impoſſibile pulmonibus
Ariſtoteles valens Argumentum ſi ſpiritus ab aere
quomodo piſcibus. Agiles enim et ſpiritu Abundant
Concluſio. opinio WH in quibus pulmones carnoſi
et ſanguine repleti concoquunt ſanguinem cum ſpiritus et ſanguis vna res: eadem
ratione qua Jecur et iſdem Argumentis
Immo potius WH refrigerando halitum
pinguem et oleoſum detinet vt refrigeret
in Alembic et ſerpentina oleum
ſive Balſamum ſive pingue Alimentoſum
vnde vt carnoſitas exciccatur vt Senibus.
vel morbus cuius ſignum Galeno pulſus tentio
ita corpus areſcit deſtituitur ſpiritu
vnde omnes affectus pulmones longi et
tabem inducunt et incurabiles alimentum
omne abſumtos
vnde Hippocrates proceritas corporis in iuventute
decus in ſenectute onus. viz quando
deſit ariditate pulmonum alimentum
et ſpiritus
vnde ariditate pulmonum Ariſtoteles cauſa
vitæ ac necis Juventutis et ſenectutis
NB. Si WH ſanguis recipiat coctionem in
pulmonibus cur non pertranſit in Em-
brione pulmones
NB. pulmones motu ſubſidendo ſanguinem
propellunt a vena Arterioſa in arteriam
venoſam et hinc in auriculam ſiniſtram

Q^do: (an mixtio sit alteratio & unio)
fortior & sanguis possit ... unio
quod ... sit et alterat ... 85
tenuior sit aer ... ...
... sit a ... ... pulmo
Arist. ... ...
q^do ... ...
... Opinio WH ... ... pulmo ...
et sanguis ... ...
... ...
Imo potius WH ... ...
... et ... ...
... ...
... ...
... ...
... ...
... ...
... ... pulmo ...
... ...
... ...
... Hipp: ... ...
... ...
... ...
et spiritus
... ... pulmo ... ...
... ...
NB. Si WH ... ...
pulmonis ... ...
... pulmo ...
NB. pulmonis ... ...
... ...
... ...



Neceſſitas: Vita non poteſt eſſe ſine Nutrimento
Nutrimentum ſine coctione: Coctio ſine Calore
Calor ſine eventatione: qui ipſum ſeipſum
Marcere vel ſuffocatione interimunt
Ita Calor Nativus refrigerio et eventatione
præcipue eventatione

Præſtantia { Nil eque neceſſarium neque ſenſus neque alimentum
Vita cum reſpiratione converti neque viventem
non ſpirare neque ſpirantem non vivere

occulus præſciſſus viſio crura ambulatio
lingua locutio &c ſi reſpiratio ſtatim omnia

An plantæ quæ aerem continent calidum cito creſcunt plurimum

Plantæ ſatis ingrediente Alimento et
ambiente refrigeratione ſic plantanimalia
oſtrea Mytili ſi infectæ parva pulice
ab ambiente aqua vel aere

An neceſſitas eſt aeris et eius mutatio

Moſchus WH reſpirat per caudam Δ veſpa ſuffocata
in oleo

An plantarum efflatione odor eſt

Alia ambientem intra ſe recipiunt
Quadrupedes Aerem Balenæ aquam et reddunt
reſpirando Δ quando aquam efflant
piſces promittunt Calidum viz ſanguinem in aqua
et his Branchiæ Jagged vt alijs pulmo
in Bronchias ſciſſa multipliciter

Qua de cauſa et quomodo aere opus eſt animalibus reſpirantibus et etiam "refrig" aer neceſſe candelæ et Igni vide WH

Hinc Magna animalia calidiora
multum et ſæpe reſpirant quibus
maiori opus refrigeratione eventatione
quia plurimum ſanguine et calido abundant.
vnde omnia pedeſtria pulmones habent
quibus plus ſanguinis et caloris ad
erigendum corporis pondus.

Nullum Branchiatum reſpirat excepto
Cordulo Ariſtotelis
vnde Reſpirantia honorabiliora Animalia

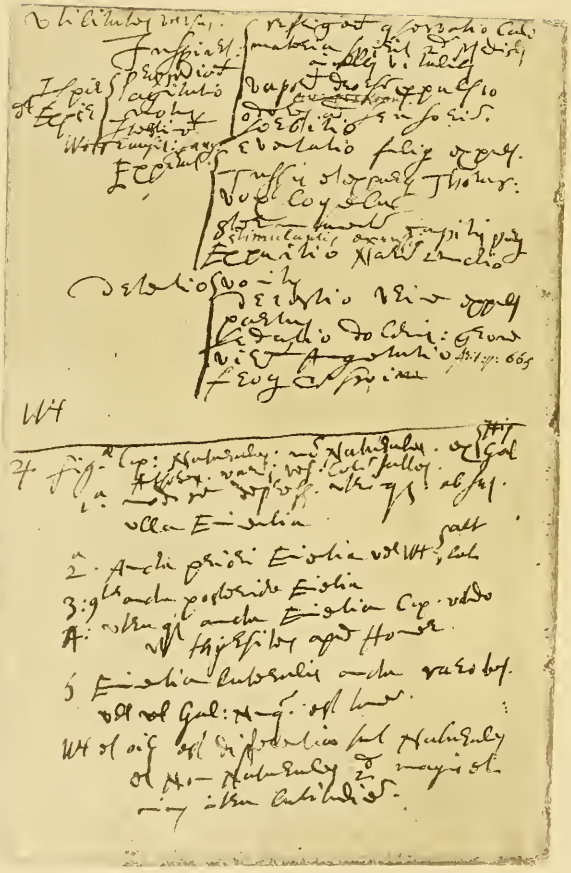
Reſpirantium alia etiam ſæpius alia
rarius ſpirantia
Aves rarius ſpongioſas enim pulmones.
et minori corpulentia et ſanguine
Vrinantes Anates luter. latex: raro
ſpirant ſed recompenſantur multo.
propria "Et" qui parum ex morbo ſpirant ſæpe
et frequenter ſeſe eventant
quædam vt cetacea licet degunt
ſub aqua tamen aliquando niſi
ſpirant moriuntur Δ porpos
ſic piſces Δ froſty pond.
Ranæ ſæerpentes Hieme non ſpirant
æſtate froggs ſwell.
forſan aliquibus ſufficit reſpirare bis in
hora vel die idque æſtate et
quando vivaciores agiliores.
vel quando ægrotant ſic porpos
agaynſt the wether or tempeſt
Δ equo dormiente rarior ab inſpiratione expiratio
Dignitas: pulmones pars Nobiliſſima (excepto corde)
vtpote fons ſanguinis: ſine Jecore diutius
perſeverare non poſſis abſque pulmone ne momentum
per Jecur omne adveniens alimentum tranatur. per
pulmones omne alimentum et tota maſſa ſanguinis
inceſſanter vnde Rubicundior ſanguis Arterialis
pulmones ſpiritus faciunt vel WH Indicant
alimentum vnde digniores Jecore
et Honorabiliores ſi honor benefica
exiſtimatio.

Respiratio alia oblig sanguis alia
varia. spirall.

Aqua varia spongiosa n: pulmon:
et mucosi respiratio et sanguis
venarum Anal: lubr. lubr: varo
spirall sed vasorum pergat multo.

Tut vi parti et morbo spirall sanguis
et frequentior fere aliquot
gradus et valuerunt liquet dequal
sed aqua lacus aliquo nisi
spirall vocial. Et pulmos
sit pisces et frosly venis.

Aqua sanguis Aliquo nō spirall
oblata sanguis humor.
Forsan aliquis spirall respirare bis in
horam vel dies idem oblata et
eadem vitarichy agilibus.
Vel quando a frolent sit pulmos
aqua et lacus nullos et lumpos
Signum: pulmonis est Nobilis. Corpus nō dur
alpes sanguis: sed sanguis. Dicitur
spirall nō pulmo: alpes pulmo et mucosi
sanguis et aliquis aliquot humoris. et
pulmonis et aliquot et nō mucosi
in respirat: [illegible]
pulmonis spirall vel lit sanguis
aliquot. nō [illegible] sanguis
et pulmonis publicis in [illegible] et
et [illegible]



vtilitates vel vſus

Inſpiratio { præcordiorum, Agitatio
et
Expiratio { motus, Inteſtinorum, WH Tranſitus ſanguinis

Inſpiratio { refrigerantium conſervatio calida, materia ſpiritus ſecundum Medicos animalibus vitalibus, vaporum deorſum propulſio, odores ad ſenſorium, ſorbitio

Expiratio { eventatio fuliginis expreſſæ, Tuſſis et expurgatio Thoracis, vox loquela, ſternutamentum capitis purgatio, ſtimulantis excuſſio, Expuitio Narium emunctio

Detentio { vomitus, deiectio vrinæ expulſio, partus, ſedatio doloris: grone, virium Augmentatio Ariſtotle p. 665, frog &c. ſwine

WH

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4 Figuræ Capitum Naturales non Naturales ex { Hippocrate, Galeno

Authores varij Veſſalius Columbus Fallopius

1ª Modice depreſſa vtrimque abſque vlla Eminentia

2ª Aucta priori Eminentia vel WH { altitudine, latitudine

3: Contra aucta poſteriore Eminentia

4: vtraque aucta Eminentia Capite rotundo vt Thyrſites apud Homerum

5 Eminentia lateralis aucta raro Veſſalius vel vt Galenus Nunquam. eſt tamen

WH et omnibus eſt differentiæ ſunt Naturales et Non Naturales ſecundum magis et minus intra latitudinem

Caput terminatur prima vertebra
Galenus edito loco gratia occulorum
ſed hoc contingit vtilem eſſe homine tantum "erect"
qui erecta ſtatura vt qui Malos conſcendunt
WH potius videtur occulos hic gratia cerebri et
WH ſed forſan gratia occulorum et Aurium &c.
quia gratia cerebri et ipſius ſenſus gratia
vnde ſentire quaſi pro videre
ideo parte ſuperiori et anteriori gratia occulorum
qui cum ſenſuum Nobiliſſimi Nobiliſſimo loco
ſic quibus Nullum caput vt cancri
occuli eodem loco viz Nobiliſſimi ſupra et ante
et proceſſus Eminentes inſtar capitis in a Lobſter
vnde melius animal cibum indagare et
Nocitura aufugere viam eligere
ſnayles cornubus tactu pro viſu vtuntur
vnde occuli as Centinell to the Army
locis editis anterioribus

Figura Rotundum aliquantum depreſſum et oblongum
ꝟ WH Quia Natura omnia facit Rotunda niſi propter aliquid
quia perfectiſſima figura et ſecuritatis gratia
Natura autem perfectiva
vnde Cœlum rotundum plantæ pluræ rotundæ
oſſa rotunda
Multæ aliæ rationes ab Anatomia mihi ×
WH Inter Animalia quibus caput rotundum Ingenioſiora
plus enim cerebri capaciſſima figura
Quantitas ſic magnum caput: parvo vero capite
præcipites inconſtantes.
quod accidit a proportione cum Thorace
ſicut enim Caput vel Thorax excedit
ſic calor et frigus et conſequentia
Communis menſura facies vna a clavicula ad enſiformem

Caput feminae [illegible] [illegible] 88

Galen [illegible] loro gratia [illegible]

[illegible] [illegible] [illegible] [illegible] esse [illegible] [illegible]

qui [illegible] statura vel qui [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] gratia [illegible]

[illegible] sed forsan gratia [illegible] et [illegible] [illegible]

quia gratia [illegible] et [illegible] [illegible] gratia

[illegible] [illegible] [illegible] [illegible] videre

ideo [illegible] [illegible] et [illegible] gratia [illegible]

qui [illegible] [illegible] Nobilissi Nobilissimo loro.

[illegible] [illegible] [illegible] caput et [illegible]

[illegible] [illegible] loro [illegible] Nobilissi. [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]

loro [illegible] [illegible]

Figura Rotunda aliquantum depressa et oblonga

4. [illegible] quia Natura [illegible] [illegible] [illegible] [illegible] aliquid

[illegible] [illegible] [illegible] et [illegible] gratia

Natura [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] rotunda.

Mulier alias [illegible] ab [illegible] [illegible]

[illegible] [illegible] [illegible] quia caput [illegible] [illegible]

[illegible] [illegible] [illegible] figura

Qual [illegible] Magno capite: [illegible] capita

[illegible] [illegible]

[illegible] [illegible] a [illegible] [illegible] [illegible]

[illegible] Capul [illegible] [illegible] [illegible]

[illegible] [illegible] et [illegible] et [illegible]

[illegible] [illegible] [illegible] a [illegible] [illegible]

Capel podrosor: vel aqua fontalis dolor
Aliqui de allo rubet ~~et~~ rapul.
Sir humoribus superfluis rapul gravis
puori ytempe - Brilli Capul [illegible]
pro sing [illegible] - posset.

Ex Capul plurium signa phisica.
may [illegible] trium Capul patuit de pl[illegible]
[illegible] posim [illegible] hi [illegible] Jeundy
[illegible] Stages v.o. (Nil indil poslodri lubid.
[illegible] pl possibilis solli) malo [illegible]
[illegible] Capul malo foratus [illegible] Agmiat.
Jtlabilis [illegible] - dorlis [illegible]
Cum foratus [illegible] - ob - [illegible]
[illegible] aqulus

Ut patus ~~[illegible]~~ [illegible] vigili sollo.
Jfostulus [illegible] - sipiolus
Strollo [illegible] foratus pendulus, dul.
~~Cõsiliatus~~: Stages [illegible] [illegible] - ob
[illegible] v.o. Prigidus et velo Dulmoh
[illegible] alus - alus patus v.o. magis [illegible]

Alia plura libri physiogno[illegible]
Dividit Jfaciles pilos & lubes ol.
Calvaria [illegible] Hirsutus.
[illegible] rarlosus [illegible] pili dividul
Sir alij capul - aqua faciu parva
vel rotundu, - oculos [illegible] - [illegible]
Alij [illegible] patus capul rarlosus
faciu [illegible] Magill lugu vel 2 [illegible]

Caput ponderoſum : vt aqua ſuffocatis deorſum
et qui ex alto cadunt ſuper caput.
ſic temulentis ſoporoſis caput grave
pueri præcipue imbecilli Caput frigidum 4 p. 682 ſuſtenere
præ frigore " et oſs " cerebrum et oſſa non poſſunt.

Ex Capite plurima ſigna phiſiognomiæ

Magnum parvum bene formatum male formatum
Magnum parvum carnoſum ex carne
Magnum parvum formatum { pectus faciem collum

Avicenna Caput parvum bene formatum
perfidus timidus Iracundus
Magnum vero (niſi adſit pectoris latitudo
et groſſities colli) malum hebetes
fatui

ſic Caput male formatum ſuperne Accuminatum
Inſtabilem bardum indocilem hebetem
bene formatum Mediocre mole Ingenioſum
ſagacem aſtutum
WH parvum " cum Thorace pri pr " exili collo
Infortunatum debilem inſipientem
cum collo brevi ſenſatum prudentem, doctum
Conciliator : magnum carnoſum hebetantem motum
ex carne vero frigidum et retardatum motum
ſimiliter vtrum malum parvum vero. magis perfectum
Alia plura libris phyſiognomicis

Dividitur in faciem partem Glabram et
Calvariam partem hirſutam.
vnde calveſcere cum pili decidunt
Hinc alijs caput magnum facie parva
vt rotunda mobiles quick nimblewitted
Alijs contra parvum caput carnoſam
faciem cum Maxillis longis vt equus

Calvariæ per priorem ſynciput ad ſuturam coronalem
quæ eſt Naſo poſito radice manus extremis digitis
hoc modo electi loci Center
Occiput ad ſuturam λambdoides Noddle
vertex ſumitate vbi pili in girum
duplicem aliqui ſignum futurum divites
Tempora laterales vbi caneſcere Incipiunt tempore

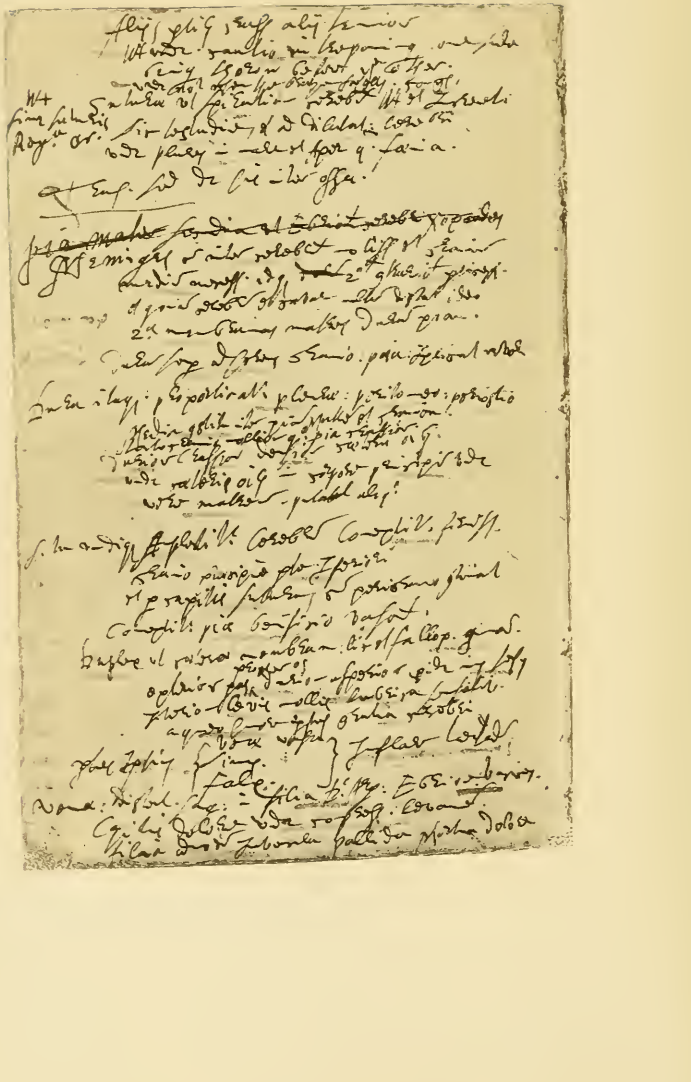
- Calvariæ partes
  - Continentes
    - communes
      - communes pili de quibus ſuo loco
      - cutis cuticula adeps nullus
      - paniculus. Nulla caro.
    - propriæ
      - Externæ
        - perioſtion
        - pericranion
      - Internæ
        - pia
        - dura
        - } mater
  - Contentæ
    - Cerebrum
    - Cerebellum
    - Medulla cerebri
    - Venæ nervi
    - } et illorum partes

vice pinguedinis et carnis hic pili: præter Naturam
vt Ariſtoteles tr. 4: 680 lentum alij in pinguedinem alij in orbiculo cerebrum enim
quia frigidum humidiſſimum et maximum homini maximam tutelam
res enim humida facile terminabile: refrigeratione calfactione
et pati externis iniurijs poteſt
tot igitur munimentis

Pericranion quod alijs perioſteon
tenuis mollis acutiſſimus ſenſus a proceſſibus duræ matris
per ſuturas: hinc externæ deſtillationes ferent
Alij idum faciunt perioſtio alij dividunt ſed quid Fallopius
Idum tamen aliquibus ſaltem duplex vt pia mater
et vt Laurentius omnes Membrane: vel diviſibiles WH
Cranion duplici tabulato cum Meditallio: quo ſonticuli vſque
vidi perforatum trepan cui Non aderant Meditalli
Mirum quomodo ſovens venis et cerebri proceſſibus
cedet digitri cum mollis vt videte Hollerius corpus flexibile Homine

Calvarias

Calvaria



Alijs partibus craſſus alijs tenuior
WH vnde cautio in trepanning one ſide
being thorow before the other.
vnde not when the brayne ſwells. coughs
WH ſine ſuturis Regula &c. Suturæ vt ſpirantia cerebri WH et Incrementi
ſic teſtudine et ad dilatationem cerebri
vnde plures in mare et Apertius quam fœmina
Tranſeo ſed de his inter oſſa.
" Pia Mater ſecundina vt Embrionum cerebri χορεαδες "
Meninges cum inter cerebrum moliſſimum et cranium
medium neceſſe idque " durum " duorum contrariorum particeps
et quoniam cerebrum et ca[l]varia multum diſtant ideo
duas Membranas Matres duram piam
dura ſemper adherens cranio : pia Implicata revolvens
Dura itaque proportionatur pleuræ : peritoneo : perioſtio
Media conſtituta inter piam Matrem et cranion.
tanto cranio mollior quo pia craſſior
durior craſſior denſior cæteris omnibus
vnde cæteris omnibus in corpore principium vnde
vere matrem putabant aliqui
ſitu vndique Amplectitur cerebrum Conectitur firmiſſime
cranio præcipue parte Inferiori
et per capitis ſuturam cum pericranio continuata
Conectitur piæ beneficio vaſorum
Duplex vt cæteræ membranæ : licet Fallopius geminam
exterior pars propter os durior aſperior proinde minus ſenſus
Interior levis mollis lubrica ſenſativa
aqueo humore preſtes gratia cerebri
partes Ipſius { venæ vaſa, ſinus, falx } Inflare tentandum
venæ : diſtentæ ſanguine in filia D^s Argent Embrione varices
Capitis dolore vnde Compreſſæ levamen
filia admodum Juvencula pallida Mortua dolore

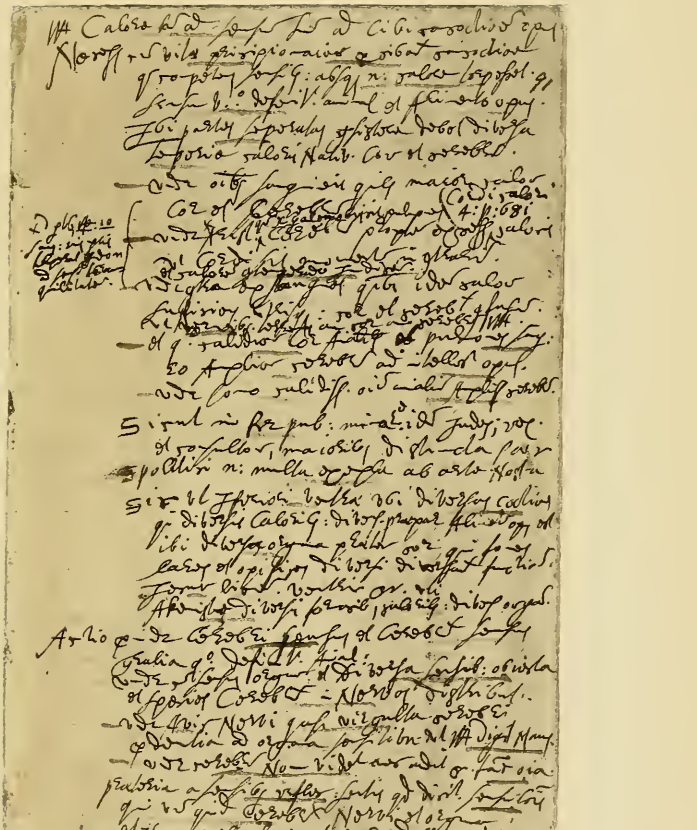
Sinus quatuor velut aquæ ductæ
"ex vena et arteria" Ingredientes ad Basim cerebri
Hinc inde reduplicatione duræ. 1s et 2s
sursum medio 3s 4us in testes et Nates
vnde hic Herophilus Torcular
Abhinc plurimi venarum surculis in Duram
et piam et cerebrum Hinc inde vnde Abundantia sanguinis
quia pars frigida et plurimo vtitur alimento
vnde plurimum Emittit per Nares excrementum
et Multorum Morborum occasio abhinc Catharrhus
4tus sinus ad testes vbi varie divisiones per tertium ventriculum
vbi bibartitur in dextrum et sinistrum ventriculos et
cum Ramis primæ et quartæ Arteriæ per plexus
choroidis efformatione misceri volunt
Officium sinus dubium an venæ an arteriæ an vtriusque
sanguine enim repletus. tunicam tamen non habet venarum
WH sed sic nec Hepate nec aliquo viscere
sed nec officio pulsant enim vnde Cerebri pulsus
pulsu: attrahere
Aerem expellere fuliginem
facere spiritum
Laurentius Amentes qui non credunt WH ego Amens.
ab arteria et spiritibus fieri pulsum et per consequens
totum cerebrum Apparet quia like a quagmire
vt in Apostemate supurato indelibili
etiam si prope Arteriam pulsus Arteriæ
Motus enim Corporibus Mollioribus pertransit
sic tussi et convulsione vocis respondet et pertumescit Cerebrum
WH Hinc pulsuum delicatularum Babsydes extremitatibus digitorum
cum itaque pulsant et sanguinem habent, pro venis et Arterijs
et fieri ex arterijs et venis permistis
et neque arteria neque vena sed sinus vtrimque
et hoc proprium cerebro.
tamen Fallopius negat fieri ex arteria
Forma intus triquetra et quasi duo foramina aliquibus
locis et vbique surculos mittit
Hinc dolor ex plenitudine occipite calido

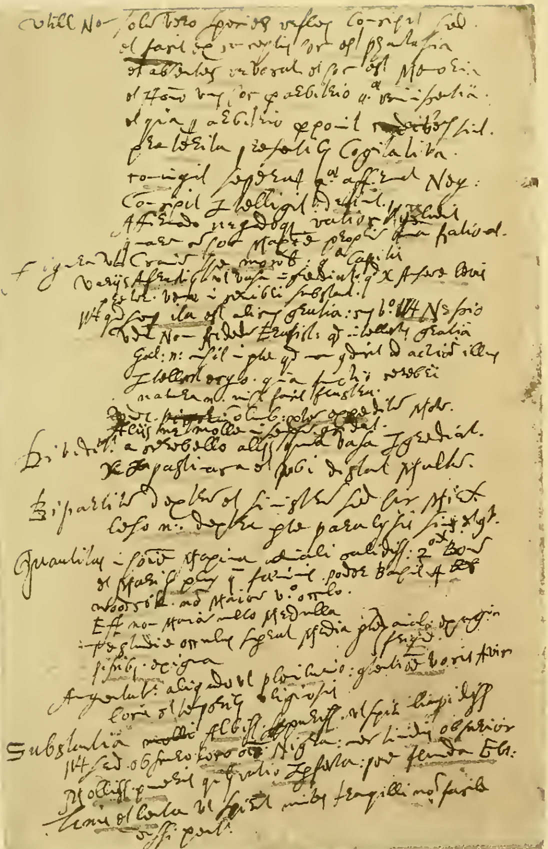
Sinus quadrati vel aliquo modo ducti

90

WH Calore tum ad ſenſum tum ad cibi concoctionem opus
Neceſſitas cum vitæ principio maior pro ciborum concoctione
quam competens ſenſibus : abſque enim calore torpeſcet.
ſenſu vero defenitur animal et alimento opus.
Ibi partes ſeperatas conſiſtere debet diverſa
temperie caloris Nativi Cor et Cerebrum.
vnde omnibus ſanguineis quibus maior calor
Cor et Cerebrum
vnde * Ariſtoteles quum × Galenus
obijcit pulmones Cerebrum propter
exceſſum (Cordi Calori 4: p: 681) caloris
vt Cordi ſit monumentum in contrarium
et calorem contemperando Judicem
vnde contra exſangues quibus idem calor
ſufficiens vtriſque : cor et cerebrum confuſum.
vt vermibus terrenis an cor an cerebrum WH
et quo calidior Cor Animalibus et pulmones ſanguine
eo Amplior cerebrum ad intellectum opus
vnde homo calidiſſimus omnium animalium Ampliſſimum cerebrum
Sicut in Republica minore idum Judex Rex
et conſultor, maioribus diſtincta hæc
politici enim multa exempla ab Arte noſtra
ſic vt Inferiori ventre vbi diverſas coctiones
qui diverſis Caloribus : diverſis præparationibus Alimenti opus eſt
ibi diverſa organa præter Cor qui fornaces
lares et opifices diverſi diverſarum functionum
Jecur lienem ventriculum &c. vti
Alkemiſtæ diverſis fornacibus caloribus : diverſa organa
Actio proinde Cerebri ſenſus et Cerebrum ſenſus
gratia quo definitur Animal :
vnde cum ſenſus organon et diverſa ſenſibilia obiecta
et ſpecies Cerebrorum in Nervos diſtributa
vnde Avicenna Nervi quaſi virgulta cerebri
prudentia ad organa ſenſitiva vt WH digiti Manus
vnde cerebrum non videt nec audit &c. tamen omnia.
præteria a ſenſibus reflectis ſentis quod dicit ſenſus Communis
qui vuum quid Cerebrorum Nervi et organa
et Hoc neceſſe quo percipiatur idem eſſe quod videns audiens &c
pluribus aprehenſibilibus vnum Intelligens.

* de partibus 4: 10 ſanguinis eius partis temperatura Jdonea ad ſenſus tranquilitatem.





Vtillitas non ſolum vero ſpecies reflexionis Concipit ſed
et facit ex conceptis hoc eſt phantaſia
et abſentes revocat et hoc eſt memoria
et Homo vnus hoc pro arbitrio quæ reminiſcentia
et quia pro arbitrio proponit cum diverſa ſint
præterita preſentibus Cogitativa
coniungit ſeperat quæ affirmat negat
Concipit Intelligit: definit.
Affirmando negandoque ratiocinium includit
quare cum hoc Maxime proprium Anima Rationalis
Figura vt cranium the mowld: qua Capitis
varijs Anfractibus vt vaſa Ingrediuntur quod × anſere levis
præter. venæ in ceribri ſubſtantia
WH quod ſemper ita eſt alicuius gratia: cuius vero WH Neſcio
vnde non videtur Eraſiſtrato quod intellectus gratia
Galenus enim nihil in parte quod non conducit ad actionem illius
Intellectus ergo. quia functio cerebri
natura enim nihil facit fruſtra.
vnde "Pichol" Columbus propter expeditum motum
Alijs ne molle in ſeptum concidat
Dividitur a cerebello alijs quia vaſa Ingrediant
× In paſtinaca et vbi diſtant multum
Bipartitum dextrum et ſiniſtrum ſed hic Mirum
leſo enim dextra parte paralyſis ſiniſtræ et contra
Quantitas in homine Maxima animali calidiſſimo duorum Bovm
et Maribus plus quam fæminis ponderoſum Bauhin 4^{lbs}
woodcok non Maior vero occulo.
Eſt non Maior multo Medulla
Teſtudine occulus ſuperat Media parte { Animalia exſanguia / frigida
piſcibus exigua
Augmentatur aliquando vt plenilunio: contentione vocis Avicenna
locis et temporibus vliginoſis
Subſtantia "molli" Albiſſima "ſp" puriſſima vt ſpiritus limpidiſſimus
WH ſed obſcuro loco omnia Nigra: nec timidis obſcurior
Molliſſima pueris quibus ratio Imperfecta: pene fluida Embrione
lenis et lenta vt ſpiritus mites tranquilli non facile
diſſipentur

Temperatura ſrigidum exangue enim et humidum molle.
frigidum tamen vt contemperaret ſpiritus a corde ne Inflammetur
et cito evaneſcat quod furioſis calefacto cerebro
Humidum ne Motionibus ſpiritus exciccetur et vt facile patiatur
a ſenſibilibus ſpeciebus
omnibus WH contrarium cordi propter enim ipſum diſertum diximus.
Cognoſcitur temperatura ex quantitate Capitis : colli longitudine
occulorum pilorum quantitate et colore &c.
vnde ex his plurima ſigna phyſiognomiæ et ſanitatis
Talis ſubſtantia in cuniculo cavitate occuli
frigidum exiles enim venæ : humidum vnde cito wheyiſh
vnde in vulneribus penetrantibus facile ſpacelatur
vnde Cooperimento " vtuntur " calido tractando.
vnde facile venere læditur exhauſtis enim ſpiritibus propter frigiditatem
prius et magis ſentiunt et patiuntur quæ vitioſæ Imbecillitate
et parvo momento cauſa parva afficiuntur
vnde pars humidiſſima facile paſſibiles refrigeratione et referveſcentia
maxime Idonea vnde : vtroque modo
Catharri omnes externi per ſuturas &c. Item per { Nervos / Nucham / venas Arterias &c
vnde ſcatent excrementis per palatum Nares : quia humidiſſimum
et quia etiam ad tactum omnium Morborum ſrigidum ſuperiori loco
Inſtar cucurbitus vapores ſuſcipit colligit attrahit
condenſat detinet
vnde vel colliquat vt nix vel Compreſſum vt ſpongia
deſtillationes " decubitus " multorum Morborum procreat
Hic Somni ſedes vapor enim ſurſum ab Alimento per { venas / Arterias
hic condenſat propellit infra calorem quo in anguſtum compulſo
ſenſuum. caput et corpus erigendi Impotentia
Temperatura concoquere ſpiritus dicitur et circa
concoctionem ſpiritus 7 opiniones a Bauhin recenſæ
WH Nullis Acquieſco : pluria enim dubia : Impoſſibilia :
WH potius ſanguis ſpiritus enim vt flamma Nullæ ſeperationes
ſed de his in Anatomia Nervorum aptius

+ Temperatura frig. et aquea m. [illegible] olla.
frig. [illegible] et [illegible] [illegible] [illegible]
et [illegible] [illegible] qd: [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
Compositio: temperatura et qualitate Capitis: [illegible]
[illegible] pilos [illegible] colore [illegible]
— vide de [illegible] [illegible] a [illegible] physiog. [illegible]
+ alii [illegible] [illegible] cavitate [illegible]
frigidi [illegible] n: [illegible]: [illegible] vide [illegible] [illegible]
— vide [illegible] [illegible] facile [illegible]
vide [illegible] [illegible] calido [illegible].
— vide facile [illegible] [illegible] n: spirit: plus frig.
[illegible] et [illegible] [illegible] et [illegible] [illegible] [illegible].
et [illegible] [illegible] [illegible] [illegible] [illegible].
— vide [illegible] [illegible] facile passibil [illegible] et [illegible]
[illegible] [illegible]: [illegible] — [illegible]
Cat[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
— vide [illegible] [illegible] [illegible] [illegible] Natur: quia [illegible].
WH quia [illegible] ad [illegible] [illegible] [illegible] frig: [illegible] [illegible]
[illegible] [illegible] vapores [illegible] colligit [illegible]
[illegible], dolia
— vide [illegible] colligat [illegible]: [illegible] [illegible] [illegible]
Destillationes [illegible] [illegible] [illegible]
His [illegible] vapor n: [illegible] ab [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]. Caput et [illegible] [illegible] [illegible].
+ temperatura [illegible] [illegible] [illegible] et [illegible]
[illegible] spirit [illegible] opiniones a [illegible] [illegible].
WH Nulli [illegible] [illegible] [illegible]: dubia: Impossibile:
WH [illegible] [illegible] spiritus n: [illegible] Nulla [illegible]
[illegible] [illegible] — [illegible] Natura [illegible].

Barrow Borrowdale Anno 1582

Dubium quænam ſit pars principalis an ventriculus an ſubſtantia
WH viſum ventriculos aqua plenos: daſy ſheep
vehiculum aquæ limpide exiunt
Inſecta optime ſentiunt: et anſer ſatis
quibus non ſunt
Tamen cerebro ſenſum fieri Nervorum Anatomia docet
et WH Exemplum Rane: in cogitationibus dolet caput
vigilijs graveſcunt Imbelles
Tamen Hydrocephali Dr Argent totum cerebrum
abſumptum nil præter Meninges.
et Hollerius obſervat Cerebri capillos ſaniem ſepe
in doloribus magnis
WH Patavij Attonito: vſus vnctione a lue venerea
Alopeciæ Barbæ et Capitis
Hic cute integra. Carioſum Cranio vna parte
penetrante Meninges macula livida
detracta Membrana dura cerebri curded milk
cancer ovi magnitudine poſt curdem flaveſcentem
deinde ceruleus caloſus vnde durus
vt inciſum retharent [= retrahent] ſe partes
Intus. punicio purpureo
Tale quod Tumoris ſcirroſi Bauhin
Barrone Bonacurtio Anno 1582.

Corpus Callosum superior pars ventriculorum
sustinet Cerebrum
Ventriculi duo priores maiores. simicirculares
Mercurialis
vt regio Auriculæ sic Impetui spiritus Ingrediunt
Intus color splendidus WH recenter Mortuis
Tenui Membrana oblini "quibusdam" quidam contendunt propaginem pelvis
Hoc loco medicis fieri Epelepseiam e vertigine
cum materia hic abundans irritat
vel vt alij cum spiritus hic contenti agitati nimium
lesæ ventriculæ e Apoplexia penitus obstructus
vnde Apoplecticis vidi aquam et in his
plexibus like chopt brann, like a little Poridg
tamen Aquam vide summo suspensam
NB. Cerebrum atro sanguine venis distentis ventriculi liberi sunt
aquæ cruente Cerebellum putrescens adeo vt digitis
contactum divulsum elaberetur Circa destillationem Mettalorum
versatilium et Hydrarguri
WH vnde puto aquam hic ex corruptione cerebri
post mortem. præcipue pueris et humidis corporibus
recenter enim mortuis cerebrum sollidius Multo
Vsus Hic officinam esse spirituum animalium
vnde movendo Cerebrum externum Aerem per Nares &c
vnde plexus esse ex venis et arteriis: Fallopius ex arteriis tantum
Alij motum ex ventriculis Intellectum in substantia cerebri
vnde Hippocrates si in mentem crepserit Melancholia si
aliter Epilepsia viz. in ventriculis
"Alij ad Excrementa ex pirargo vt cloaca. Picolhomini"
Alij vt sit spirituum promptuarium vnde Galenus
securitatis gratia ij° altero leso in
Juvine Smirniæ
Alij ad excrementum purgationem cloacam Picholhomini vnde Alijs
qui ventriculis attribuunt santasiam 1° Intellectum &c.
Animam in ergastulo ponunt divinissimam facultatem
cum excrementis permiscent superiora Inferius
"WH puto" Alij et plexum Coroidem ex toto ad tactum glandulosum esse Bauhin
vnde Varolius vsus vt glandularum ad humores absorbendos
WH puto processus piæ: vbique enim plexum in cerebro

Corpus Callosum superior pars ventriculorum 93
iuxta Cerebellum
ventriculi 2° priores maiores: similitudine
[illegible] auricula [illegible] [illegible]
[illegible] [illegible] WH [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
Hoc loco [illegible] Epilepsia [illegible]
[illegible] [illegible] [illegible],
[illegible] [illegible] spiritus [illegible] agitat [illegible]
[illegible] [illegible]. [illegible] Apoplexia [illegible] [illegible].
[illegible] Apoplexia [illegible] A [illegible] [illegible]
plexus like [illegible] [illegible], like a little [illegible]
[illegible] [illegible] [illegible] [illegible].
℞ Cerebellum [illegible] [illegible] [illegible] [illegible]
[illegible] Cerebellum [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible].
[illegible] [illegible]
WH [illegible] [illegible] [illegible] ex [illegible] [illegible]
post [illegible]. [illegible] [illegible] [illegible] [illegible].
[illegible]: [illegible] Cerebellum [illegible] [illegible]
[illegible] Hic officium esse spiritu animali
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] esse ex [illegible] [illegible]: [illegible]
Alij motum de ventriculis. [illegible] [illegible] substantia [illegible]
[illegible] [illegible] [illegible] [illegible]: [illegible]
[illegible] Epilepsia [illegible] ventriculis
~~[illegible]~~
Alij ut sit spiritus [illegible] unde Galen
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]
Alij [illegible] [illegible]: [illegible] [illegible]. [illegible] alij
qui ventriculis [illegible] [illegible]: [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]: [illegible] [illegible]
[illegible] [illegible]: [illegible] [illegible] [illegible]
WH puto [illegible] [illegible]: [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

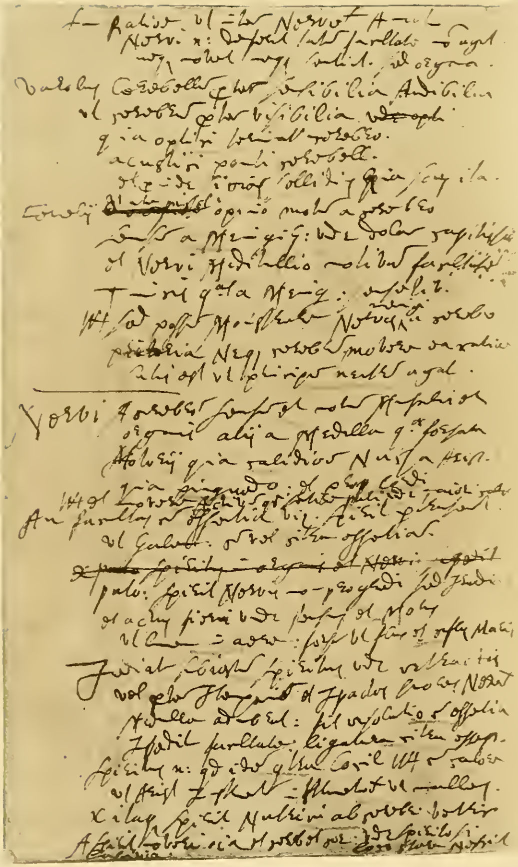
[illegible]

WH Sed Anſere: Anate &c: non ſunt omnino
cum tamen cuniculo eque Magno
et Anſere Cavitates in teſtibus ſic in
a playſe puto omnibus fere piſcibus et penatis
W et vbi ſunt quaſi reduplicationes cerebri ſunt
vel potius Medullæ cerebri
He duo concurrunt et revera tantum
vnum efficiunt vnde alijs tantum 3 ventriculi
alij 6 alij 4 alij 2

Teſtes et nates ſuperiores teſtes Inferiores Nates
ſub fornice revera extra cerebrum
parte Inferiori et poſteriori Meatus a tertio in 4tum
Anus vbi cerebello remoto foramen Anus dictum
vulva fovea oblonga inter illas Columbus vulva in homine
vſus deferre vaſa quarti ſinus in cerebrum
et ſuſtinere cerebrum a compreſſione tertii ventriculi
Glans pinealis vbi ingreditur 4tus ſinus iunctus plexu coroide
penis dicitur a ſimilitudine reſpondens teſtibus
Claudit orificium ventriculi: ſuſtinet vaſa
vnde ſub vaſis
Teſtes multo Maiores cerebro et cerebello iunctis
vt plurimum diſtant in paſtinaca et pene omnibus piſcibus
WH ſic in a Ratt interſtitium longiſſimum inter cerebrum et cerebellum
WH teſtes contrario modo vel ſaltem proceſſus Anſere
galina cavæ: Nates vero obſcure eodem celario cerebri
Tertius ventriculus duorum priorum concurſus huc eſſe
ventriculum alij Negant vt his 2° tantum ventriculis
Appellam rimam longam cerebri centrum cerebri
duplici Cavitate altera deſinente in pelvim
Altera ſub teſtes et poſt tendens anterius ad
Meatum prioris in pelvim: vnde: ventriculi pro cloacis
fornix ▷ triangulus longior angulo anterius
concameratum corpus, extremitate ſepti lucidi
linea medio ex tuberanti cum ſepto continuato
Immediate per plexos.

Septum lucidum candela apoſita : vt hoſtia
madida lapis ſpecularis : Membranea
cerebri portiuncula
4tus Ventriculus Initio ſpinalis medullæ. Calamus ſcriptoris
inter cerebellum et ſpinalem Medullam.
tenui Meninge obvolvitur : Alij negant eſſe ventriculum
Qui facultates ſecundum ventriculos diſponunt vt Scotus Thomas
Albertus &c. hic Memoriam locarunt
Qui ventriculum pro cloaca videntur redarguere
Quia Nullus Meatus in pelvim quo exitum deferret

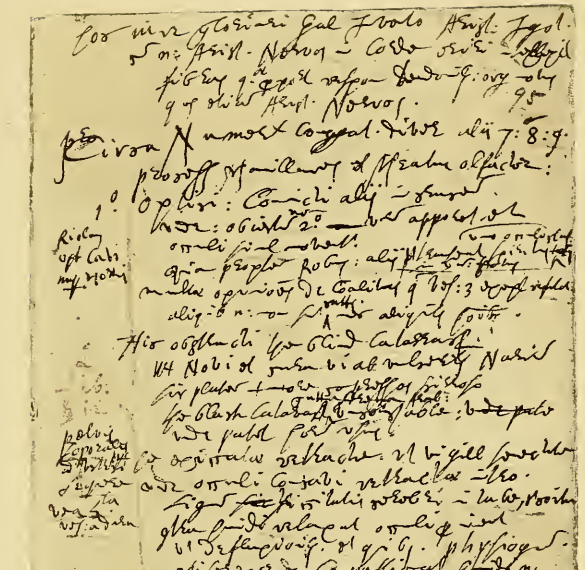
Cerebellum cum Cerebro ſpeciem fleur de lis red
Galli appellati
" ſeiunctim a cerebro et diſtingtum redundare
occipitis Regionibus tanquam ſimili cerebro brutis
Alijs vt paſtinaca longius a cerebro."
partes dextræ et ſiniſtræ Mediæ duos globos Invicem poſt
paſtinaca bifidum
ab eminentiori parte media proceſſuum
Vermiformes ante Natibus, retro quarto ventriculo
qui dum retrahuntur aperiunt relaxant obſtruunt.
WH vnde illorum officium apparet non eſſe ianitores
quia Nihil agit relaxatione
proceſſus item quibus Abiunt Nucham : pons cerebelli Varolii
vermiformes proceſſus. Membranoſi vnde Picholhomini Non eſſe partes cerebri
Quantitas ſub 4plo vel ſub 10plo minus cerebro
Vſus : videtur pene cerebrum : quia eadem pene ſubſtantia magis pallet Platerus : ſpirarum
conſiſtentia ſed : WH aliquanto cerebrum fabrica
duriori compactiori vnde rationabiliter
Memoriæ ſi functiones cerebri ſubſtantia vt conſerving melius
rum
Galenus propter Nervos Motrices. vnde aliqui cereb"ellum"
ſenſibus Nucham Motui vnde obſtructo : 4to paraliſis Incumbit
prioribus obſtructis motus et ſenſus Coma :
vnde obdormientes ambulantes contingit : obſtructis tantum prioribus
Alij tum Motum tum ſenſum a cerebroſis ſed mollioribus Nervis
ſenſu durioribus Motum WH hoc vero falſum recurrentibus



Tum Ratione vt inter Nervorum Anaſtomoſes
Nervi enim deferunt tantum facultate non agunt
neque movent neque ſentiunt. ſed organa.
Varolus. Cerebellum propter ſenſibilia Audibilia
vt cerebrum propter viſibilia " vnde opti "
quia optici terminantur cerebro.
acuſtici ponti cerebelli
et proinde ſiccius ſollidius Quia ſemper ita
Fernelij vt ante Picholhomini opinio motum a cerebro
ſenſum a Meningibus: vnde dolorem capitis ſentiunt
et Nervi Meditallio motivam facultatem
Tunicis quas a Meninge ſenſetiva
WH ſed poſſum Monſtrare Nervos Meningi a cerebro
" præteria " Neque cerebrum movere ea ratione
ſatis eſt vt principium neutrum agat.
Nervi A cerebro ſenſum et motum Muſculis et
organis alij a Medulla quæ forſan
Motorij quia calidior Nucha Ariſtoteles
quia pinguedo: et propius cordi
WH et movere Activum quam ſentire pati vnde maiori calore
An facultas cum eſſentia viz. ſpiritus pertranſeuntis
vt Galenus cum vel citra eſſentiam
" × puto ſpiritus in organis et Nervis ſepedictos "
puto: ſpiritus Nervis non progredi ſed Irradiatos
et actus fieri vnde ſenſus et motus
vt lumen in aere: forſan vt fluxus et refluxus Maris
Immediate ſubiectum ſpiritus vnde retractis
vel propter Intemperiem et Impactos humores Nervorum
Medulla adumbrata: fit reſolutio cum eſſentia
Impedit facultatem: ligatura citra eſſentiam
Spiritus enim quod idem contra Concilium WH cum calore
vt Ariſtoteles Inſtrumentum Inſtrumentorum vt malleus
× itaque ſpiritus Nutrici ab cerebri ventriculis
A ſpiritu moveri ómnia et cerebrum et cor: vnde ſpirituoſi
laſcivia: loco ſtare neſciunt

hoc iure gloriari Galene Invento Ariſtotele Ignoto
cum enim Ariſtoteles Nervos in Corde oriri intellexit
fibras quæ proportionaliter reſpondent tendonibus: organis motus
quos etiam Ariſtoteles Nervos.
" Pro " Circa numerum comparatum diverſitas alij 7: 8: 9.
proceſſus Mamillares et Meatus olfactorii
1° Optici: Coniuncti alij in crucem
Riolanus optici Cavi nuper Mortuis — vnde: obiectum non 2° vnum apparet et
occuli ſimul moventur
Quia propter Robur: alij vt tranſeant ſpiritus vno occulo clauſo tantum
in vnum motus
Multæ opiniones de Coalitiis que Veſalius tribus exemplis refutat
aliquibus enim non ſunt ratts nec aliquibus hominibus
Hic obſtructi the blind Catarrack
WH Novi et curavi ab vulceribus Narium
hic Plater tumore Compreſſos ſcirroſo
the black Catarack gutta Serena Arabum vncouchable " vnde pate "
pelvis ſoporalis — vnde patet horum vſus.
WH hæ exciccatæ retractæ. vt vigilliis ſenectute
ad ventriculum ſequere vena quinta Veſalius a dura — vnde occuli Concavi retractæ intro.
ſignum " ſict " ſiccitatis cerebri in tabe et coitu
contra humidi relaxati occuli prominentes
vt defluxionibus et quibus phyſiognomici
Miſericordes Compaſſionati humidi enim
facile flentes.
prope Ingreſſum Carotidis Arteriæ vt ſpiritus
ſecunda Coniugatio what on the one ſide imagine altero
A lateribus baſis cerebri minores ad
proprium foramen in oſſe ſphenoide
foramen oblongum &c — Nervorum exitui viz { hic / et tertio pari }

vel tertij paris ramus dictus alterum et 8ª coniugatio
vel 5ᵗˡ paris radici minori
occulos moventi
tertiæ vna propago quæ potius vt a coniugatione per ſe tum exortu tum exitu
Infima et poſteriori ſede Medullæ: ab infima et poſteriori
ſede (WH Intus a 3ª) Nervulo exiguo et recta ſub
cerebri baſi ad latera antrorſum et craſſam Meningen
ſolus perforat et 2° pari attenſus cum ipſo. Commune foramen.



Altera [illegible] pago de Caby. [illegible]
[illegible] pago [illegible]
[illegible]
[illegible]

4 [illegible] aliq alio [illegible] [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

5 par. [illegible] 2 principio altero
[illegible]
[illegible]

6 par. [illegible]
[illegible]
[illegible]

7 [illegible]
[illegible]
[illegible]
[illegible]

Batt: 3 par alio [illegible]
[illegible]
[illegible]
[illegible]

[illegible]

Altera tertij propago ad latus: adeo
prope quartum vt eius propago videtur.
et cum quarto miſcetur foramine Communc
tertia quartaque guſtant
4tum difert aliquantum exortu a tertio pari non
in progreſſu
oritur retro par ſecundum initio ſpinalis Medullæ
Picholhomini ſub quarto ventriculo Laurentius ſub cerebello
Ab exortu Capreolais et duobus Ramulis cum 5
vnitur auditorio: et exit per foramen 6 ſphenoidis
duplici propagine oritur quæ eodem loco craſſam meningen
perforat vnde Merito vnum par quum
vna exteriori tunica continetur
quod: non ſecundum par et tertium licet eodem foramine.

5 par Acouſticis auditorijs duplici principio altero
molle altero duriori eadem tunica duræ
matris Inveſtiuntur ad os petroſum
Iſti vel piſcibus. vnde WH organon auditorium paſtinaca
6 par duplici Nervo eodem perforans duram Matrem
et ad ſecunda foramina occipitij vbi venæ
Jugulares Ingrediuntur et ſinus faciunt
7 A Medulla cranio elapſura "aliquibus"
multis Invicem diſtantibus radicibus oblique
et proprium foramen occipitio.
Hic Aquapendens Nervum a cerebro in duram
quo ſemel duræ
Ratt: tertium par ante primum oritur
Anſere: optici ſtatum exitu Coniungitur
Anſere Nervi longi ſub calvario a poſtero
ad Roſtrum quo vſu Neſcio tale talpa. Ratts

WH NB Nervorum
- foramina
  - oblonga prope exitum optici
  - 2æ et propaginis 3æ
  - 4tæ tertiæ et 4rtæ
  - tribus Inferiori calvario
  - ſinum 6tæ
  - proprium 7æ
- exorta
  - 2æ later
  - 4rtæ tertiæ
  - 4to

Pelvis a ſimilitudine oritur a pia matre
A tertio ventriculo ab orificio amplo ſeſe anguſtiori
ad glandem pituitariam
Glans pituitaria adeo extra craſſam meningem oſſis
ſpænoidis ſeſſa ad finem Infundibuli
ſuperne concava inferne gibba quadrata
parva
ſubſtantia cæteris glandulis compactior durior
omni ex parte tenui Meninge obducitur. vnde
hic oriri tenuem Meningen Columbus opinatur
et Admiratur Veſalius innoraſſe ego Admiror quo Cognoſcerent.
vſus pituitoſi excrementi tranſcolantis in pallatum
perforatur os duplici foramine ad latus quo
ſecundum par Nervorum exit
altero foramine in poſteriora magis et
per Aſperam Rimam deducitur
Ad latera foraminis Ramus carotidis Inſignior
in calvarium tranſmittitur.

Rete Mirabile de tanta Galenus officina ſpiritus Animalis
venis Arterij Carotidis mixtus
glandem pituitariam vndique circumdant
A lateribus oſſis ſphænoides
tanquam rete ſuper rete piſcatorum
quorum replicationes replicationibus connexæ
Bauhin contra Veſſalium eſſe Capitale hominibus Manifeſtum vero Bubus &c
Riolanus Amplum dempta dura meninge
et aliud Rete baſi cerebri ex fibris venæ
vt illa Arteriæ

2.a Sectio.

[illegible]

2ª Sectione.

vt omnes Nervi a Medulla Tabula Bauhin
Origo ſpinalis Medullæ quæ ex quatuor proceſſibus ante
duobus maioribus a cerebro alij minor brevi cerebelli
Ad medium duo priores reflexuntur circa quum opticus
extra ventriculum fertur
Nucha ex his Avicenna cerebri vicarius
quatuor Eminentiæ cerebri { 2 oſſi frontis reſpondentes
2 Cavitatem oſſe ſphenoides
Opticorum origo (inter Cerebrum et ſpinalis ortum
latitantes) a principio ſpinalis Medullæ
vnde Cauteria occipitio valet occulis
NB. piam matrem remove intactis Nervis
Conexio. exortus cerebri quaſi contiguus ſpinali Medullæ.
Olfactorij meatus progreſſus ad poſteriora
magis attenuatur vſque ad cerebri extrema latera
in regione quæ ſupra foramina auditus.
in Mucronem acutiſſimum vnde conſenſus auditus et olſactus
Gravedine: retentione ſpiritus Eminentem Aerem
perforari Fallopius recenti Capite (quod × certo Varolus)
a ventriculis WH Δ capite vituli
primo Ingrediente putat aerem Muccam egridi
ſitus inter craſſam et tenuem Meningen.
Ventriculi Hipocamponides Arantij partem primam et
et plexus Membranæ latiph: pars piæ vbique plexus
foramina duo in pelvim "ortibus ventriculi"
3us ventriculus: fornix
4tus ventriculus
Anus. ſpatium ex contactu tracorum 4r ſpinalis
medula efformatum cum tracis cerebri
vel cerebelli
teſtes et nates portiones Medullæ
re vera extra cerebrum
WH Nervorum a ſubnatibus ad piam matrem

Cerebelli proceſſus amplectitur
ſpinalem Medullam vt Muſculi laringis
Varolus pontem cerebelli
ex hoc proceſſu Nervus Auditorius
vnde Varolo: Cerebelli vſus obiectis audibilibus
Varolus hinc non omnes Nervi a cerebro vel
ſpinali Medulla. hic enim a cerebello
proceſſus vermiformes
Nullus ventriculus Cerebello ſinus tantum qua
parte reſpicit Nucham
contra "varol" et WH aliquibus animalibus.
aliquando. Arantius Cyſternam vocat.

Secunda Sectione

Gallinæ cerebrum vt a Toad: Arma Gallinæ
Anſere vt pennatis teſtes WH Inventi
quæ cavæ. intus cum calloſo intus corpore
lævi Albicante.

Corbolli proprietas aplacet
spiralis pedunculus spiralis laxiori
valde longior corbolli
vel cor proprie Novus Auditorius
vel valde. Corbolli bini obiisse audibile
valde. Cor non est Novus a corbolli
spiralis pedunculus bini a corbolli.
proprietas varietates
Nullus valde. Corbollo sing. lacus q.
palla visceris Nuncus.
ipsa ~~[illegible]~~ et Ut. alias ig. omnibus.
alias ~~[illegible]~~ Aeratis Cyclostomus vocat.

Secunda pars
Gallinae corbolli vel a Toad: ana gallina
Aspera vel porcalis longior Ut. Jbrolli
pro valde. ita et pallens ita corpor
laevis albi valde.

Appendix III Nerbot

1 Nerbi [illegible]

2 Notobij [illegible]

3 [illegible]

4 [illegible]

5 [illegible]

6 [illegible]

Apendix WH Nervorum
vt occulis occurrunt inter diſſecandum.

---

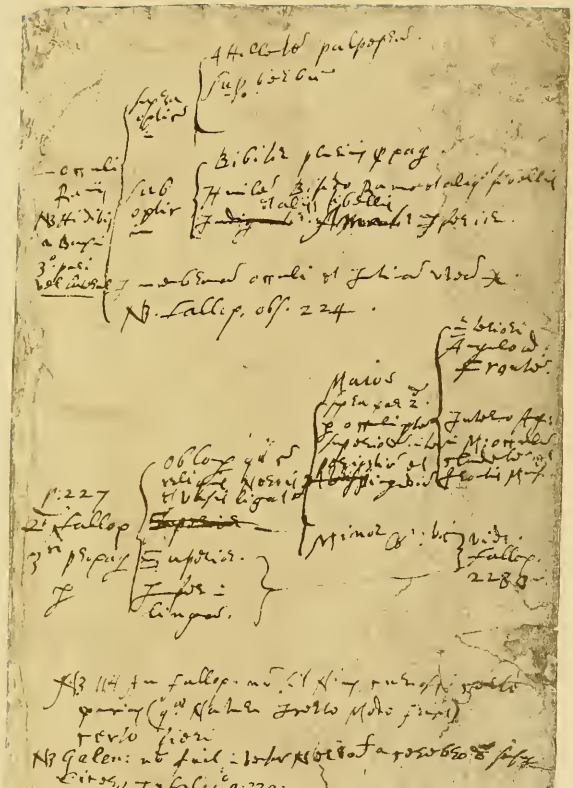
1 Nervi optici priores
Non per duram matrem. proprio foramine.
2 Motorij ſecunda coniugatio dicta:
Abſque. per Duram Matrem
per foramen oblongum In orbitum
3° Laterales. ſtradling ſynews. ſecundum alios radix quinti paris
ſecundum alios Tertij vel quarti Radix Minor.
Fallopius octavum par.
per "format" Duram Matrem.
Fallopius latitans in dura Matre
per foramen oblongum Fallopius " (proprium WH ")
In Muſculum Trochleæ (Fallopius) totus.
4to " Tertius par:" Oris et palati Mowth: ſynews. Guſtus. &c. craſſiores.
tertium par Fallopius quartum par Bauhin guſtandi
per Duram Matrem in ipſa Reduplicatione
ſuper ſpinam Lythoides.
per duo foramina in ſphænoide
ſuperiore in palatum ad Radicem proceſſus alati
Inferiore inter latitantem et Fallopius Muſculum
in linguam et Maxillam Inferiorem
5to Interiores. cloſe long ſinews. Fallopius quarti
Secundum Veſalium quinti paris Ramus minor tertii paris Bauhin
A media Baſi cerebri orti et aliquantisper
ſub: cerebro ſerpentes.
per duram matrem: paulo Infra et Interius
" oris " ab oris Nervis
per foramen oblongum: Fallopius: WH proprium
In Muſculum Indignatorem totus Fallopius
WH videntur extra duram cum guſtandi coniungi

occuli
Ramis
NB Hi diviſiones
à Bauhin
3° pari
vel laterali

- ſupra opticum in
  - Attollentem palpebram
  - ſuper berbam
- ſub opticum in
  - Bibitor plurimis propaginibus
  - Humilem Bifido Ramo et aliquot fibellis
  - "Indignator" et alijs fibellis. Amator Inferior
- In Membranam occuli et Intimam vterum ×
- NB Fallopius obſervatio 224

p. 227
2dum fallopium
3ci propagine
per

- oblongam quæ cum reliquis Nervis et vaſis ligatis
  - Maior ſupra par 2dum per occuli partem ſuperiorem inter perioſtion et "Avris" pinguedinem
    - Exteriori Angulo ad: Frontem.
    - Interno Angulo in M: occulum claudentem et frontis Muſculum
  - Minor &c:
    - vide Fallopium 228 &c.
- "Inferiorem"
- Superiorem
- Inferiorem in linguam

NB. WH An Fallopius non ſit Nimis curioſus: certè pronuncians (quæ Natura Incerto modo facit) certo fieri

NB Galenus: non fuit Inventor Nervorum a cerebro ad ſenſus
Cicero Tuſculanæ: 1° p. 339
Item Cicero de vſu partium multa in de Natura deorum libro 2°